

UTILITY ASSESSMENT PACKAGE

Florida Department of Transportation

District One

CR 887 (Old US 41) Project Development and Environmental Study

From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd

Lee and Collier Counties, Florida

Financial Management Number: 435110-1-22-01 & 435347-1-22-01

ETDM Number: 14339

March 2025

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

PROFESSIONAL ENGINEER CERTIFICATION

UTILITY ASSESSMENT PACKAGE

Project: CR 887 (Old US 41) Project Development and Environment Study

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This utility assessment package contains engineering information that fulfills the purpose and need for the CR 887 (Old US 41) Project Development & Environment Study from US 41 in Collier County to Bonita Beach Road in Lee County in Florida. I acknowledge that the procedures and references used to develop the results contained in this report are standard to the professional practice of transportation engineering as applied through professional judgment and experience.

I hereby certify that I am a registered professional engineer in the State of Florida practicing with HNTB, and that I have prepared or approved the evaluation, findings, opinions, conclusions or technical advice for this project.

[Only Sign and Seal the Final Report]

Include "DRAFT" and Date on the Cover of the Draft Report]



This item has been digitally signed and sealed by *[Insert P.E. Name]* 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.

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1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION

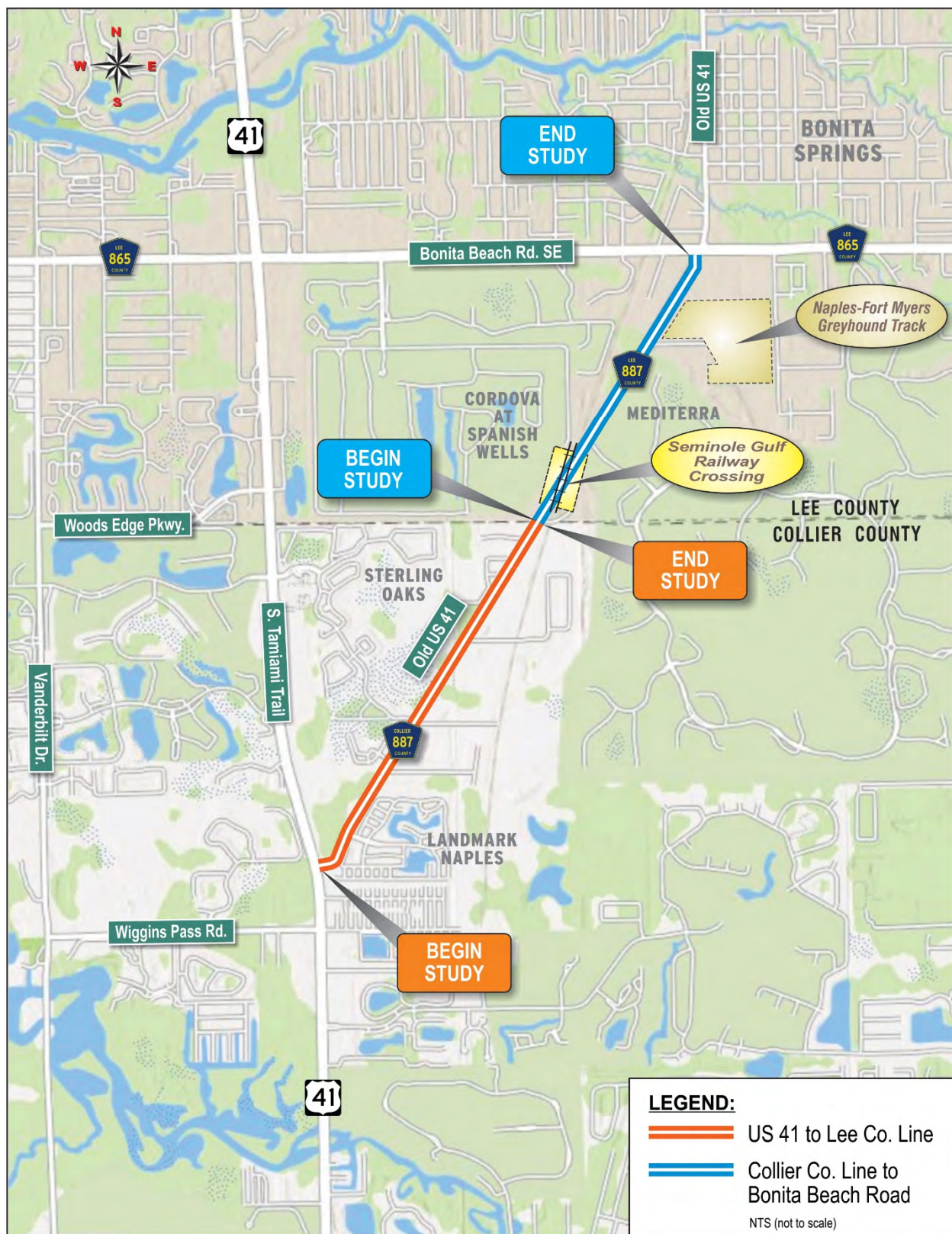
The Florida Department of Transportation, District 1 (FDOT) is conducting a Project Development & Environment (PD&E) study to consider the widening of CR 887 (Old US 41) up to four lanes from US 41 in Collier County to Bonita Beach Road in Lee County in order to address existing congestion and projected travel demand as a result of area-wide growth. The roadway project has been divided into two segments (**Figure 1-1**) and is approximately 2.73 miles in length. Segment 1 (1.55 miles in length) extends from US 41 to the Lee County Line in the northwestern corner of unincorporated Collier County. Segment 2 (1.18 miles in length) extends from the Collier County Line to Bonita Beach Road within the City of Bonita Springs in southern Lee County.

Within the project limits, the existing Old US 41 is classified as a two-lane, undivided major collector with a posted speed limit of 45 miles per hour. The roadway features two 12-foot travel lanes with alternating left and right turn lanes throughout the length of the corridor as well as an open drainage system. An active rail line operated by Seminole Gulf Railway transects the project corridor at-grade. In general, the existing right-of-way (ROW) is 150 feet along Segment 1 and 105 feet along Segment 2. Although the roadway lacks bicycle and transit facilities, there are four non-continuous sidewalk sections along Segment 1 [three occur on the east side of the road and one occurs on the west side] and one section of path on the west side within Segment 2. Bicycle and pedestrian activity have been observed within the corridor.

The proposed improvement will expand the roadway to a four-lane divided roadway with 11-foot travel lanes. The current build alternative would require the use of the existing ROW and would feature a 12-foot wide shared use path and 7-foot bicycle lanes in both directions. There are no improvements planned for Old 41 north of the proposed New Quadrant Roadway, including the Old 41 and Bonita Beach Road intersection. The proposed New Quadrant Roadway connects Old 41 with Race Trac Road which then continues onto Bonita Beach Road for the rest of the project segment. The New Quadrant Roadway with be a 2-lane undivided road with 11-foot travel lanes, a 12-foot shared use path, an 8-foot sidewalk, and a total of 70 feet of ROW.

Proposed improvements will integrate multimodal transportation opportunities through the addition of bicycle lanes and shared use paths. The conceptual plan set for the build alternative is provided in **Appendix A**.

Figure 1-1: Project Location Map



1.2 PURPOSE & NEED

The purpose of the project is to address roadway capacity deficiency along CR 887 (Old US 41) from US 41 in Collier County to Bonita Beach Road in Lee County in order to relieve existing congestion and accommodate future travel demand as a result of projected population and employment growth in the area. The project has evaluated the potential widening of the roadway up to four lanes and may include paved shoulders/marked bicycle lanes, sidewalks, and/or a shared-use path. Other goals of the project include supporting increased industrial and residential development in the area and improving safety conditions for bicyclists and pedestrians. The need for the project is based on the following criteria:

CAPACITY/TRANSPORTATION DEMAND: Improve Operational Conditions

Old US 41 serves as an important facility for commuters, as well as freight traffic, given the number of residential subdivisions and industrial parks present along the corridor and due to the roadway's access to major transportation facilities [including US 41 and CR 865 (Bonita Beach Road) which connects to I-75]]. This project is anticipated to improve traffic operations along Old US 41 by increasing operational capacity to address existing congestion and projected area travel demand.

According to the FDOT District One Regional Transportation Model, the population within the traffic analysis zones (TAZs) encompassing Segment 1 is expected to increase by 51% between 2010 and 2040; employment is expected to grow by 30% during the same time period. Regarding Segment 2, the population is expected to nearly double between 2010 and 2040 (91% increase), and employment is expected to grow by 51% during the same time period.

As depicted on the Forecasted 2040 Highway Congestion Map in the Collier Metropolitan Planning Organization's (MPO) *Long Range Transportation Plan* (LRTP) [Collier 2040], the Old US 41 corridor is expected to experience a high level of congestion in 2040 with a volume to capacity (V/C) ratio of 1.5 - 1.75. Likewise, the Lee County MPO's 2040 LRTP [Lee County 2040 Transportation Plan] reveals a projected V/C ratio of 1.9 in 2040 for the Old US 41 corridor. Based on Federal Highway Administration guidance, a V/C ratio less than 0.85 generally indicates that adequate roadway capacity is available, and vehicles are not expected to experience significant queues and delays. As the V/C ratio approaches 1.0, traffic flow may become unstable, and delay and queuing conditions may occur. Once the demand exceeds the capacity (a V/C ratio greater than 1.0), traffic flow is unstable and excessive delay and queuing is expected; the roadway is deemed deficient as it has surpassed its designated service volume and Level of Service (LOS) standard.

The existing and future traffic conditions for the Old US 41 corridor are as follows:

-Segment 1-

Existing Conditions (2 lanes undivided):

2017 AADT (1) / 2017 LOS (2)

16,000 / C

Future Conditions (No-Build - 2 lanes undivided):

2040 AADT (3) / 2040 LOS (2)

24,000 / E

Future Conditions (Build - 4 lanes divided):

2040 AADT (3) / 2040 LOS (2)

39,700 / C

-Segment 2-

Existing Conditions (2 lanes undivided):

2017 AADT (4) / 2017 LOS (5)

14,200 / F

Future Conditions (No-Build - 2 lanes undivided):

2040 AADT (3) / 2040 LOS (5)

25,400 / F

Future Conditions (Build - 4 lanes divided):

2040 AADT (3) / 2040 LOS (5)

42,200 / C

Notes/Sources:

AADT = Annual Average Daily Traffic

- (1) AADT derived from FDOT Florida Traffic Online, 2017.
- (2) LOS based on FDOT Quality/Level of Service Handbook Tables (12/18/2012): Generalized Annual Average Daily Volumes - Table 3 - Uninterrupted Flow Highways, Developed Areas.
- (3) FDOT District One Regional Transportation Model.
- (4) Lee County Traffic Counts, 2017.
- (5) Lee County Service Volumes Reports, 2016.

The existing roadway is operationally deficient and is not able to accommodate the multiple transportation modes [vehicles (including trucks), bicyclists, and pedestrians] that presently use the corridor. Segment 2 currently operates at LOS F. Conditions along both segments of the roadway are anticipated to be exacerbated if no improvements occur as the roadway lacks the operational capacity to accommodate future travel demand; the two segments are projected to operate at LOS E/F by year 2040.

With the proposed improvements, both segments are anticipated to operate at LOS C in 2040. As such, the project is intended to enhance operational conditions of the corridor and serve the mobility demands of the area by increasing operational capacity, thereby accommodating 1) existing and future population and employment growth as well as 2) the multimodal activity that is expected to increase along the corridor as a result of projected area growth [particularly through the provision of paved shoulders/marked bicycle lanes, sidewalks, and/or a shared-use path].

SOCIAL DEMANDS/ECONOMIC DEVELOPMENT: Support Increased Industrial and Residential Development

Numerous residential, commercial, and industrial Planned Unit Developments are located along the extent of the project.

Based on Collier 2040, the most intense employment growth within Collier County is anticipated to occur within the Old US 41 Industrial Freight Activity Center located along Old US 41 within the project corridor. This site is recognized as only one of two sites in Collier County where a potential intermodal facility could be placed. The Collier County Future Land Use Map also depicts residential land uses on the west and southeast sides of Old US 41. According to the United States Census Bureau, Collier County is part of the 10th fastest growing metropolitan area in the country; residential growth is planned to continue along the project corridor in conjunction with heavy industrial development. According to the 2040 Florida Department of Transportation District One Regional Transportation Model, the population of the TAZs surrounding Segment 1 is projected to grow from 8,733 to 13,145 between 2010 and 2040 (1.4% annual growth rate); employment is expected to increase from 7,284 to 9,460 over the same time period (0.9% annual growth rate).

Likewise, the City of Bonita Springs at the northern project terminus is expected to nearly double in population between 1996 and 2030 as indicated through Lee County's Comprehensive Plan [*Lee Plan*]. *Lee Plan* identifies the City of Bonita Springs as one of the fastest growing communities in Lee County. The City of Bonita Springs Future Land Use Map shows industrial uses between the Seminole Gulf Railway line to the west and Old US 41 to the east, general commercial to the east of the intersection with Bonita Beach Road, and residential development along the remainder of the corridor. According to the 2040 Florida Department of Transportation District One Regional Transportation Model, the population of the TAZs surrounding Segment 2 is projected to grow from 11,966 to 22,868 between 2010 and 2040 (2.2% annual growth rate); employment is expected to increase from 7,069 to 10,707 over the same time period (1.4% annual growth rate).

It should also be noted that Old US 41 functions as an important freight corridor as it runs parallel to I-75 and provides access to other designated regional freight facilities [such as US 41, Bonita Beach Road, and the Old US 41 Industrial Freight Activity Center]. Truck traffic composes 3% of the 2017 Annual Average Daily Traffic (AADT) volume for Segment 1 and 4% of the 2017 AADT volume for Segment 2.

The proposed roadway improvement is anticipated to provide increased capacity for existing and planned industrial, commercial, and residential growth along the corridor and consequently accommodate increased freight traffic.

SAFETY: Improve Safety Conditions for Bicyclists and Pedestrians

Old US 41 lacks bicycle facilities; sidewalks are intermittent. Crosswalks are only present at the project termini. The Bicycle Facility Gaps: Collectors and Arterials (Satisfies EJ + Crash Criteria) Map of the current Collier MPO Bicycle & Pedestrian Master Plan shows that 3 - 5 bicycle and pedestrian crashes have occurred at the intersection of Old US 41 and US 41 between 2011 and 2016. According to the Bicycle and Pedestrian Crashes and Fatalities Map in the Lee County MPO's *Bicycle and Pedestrian Master Plan*, there have been two pedestrians involved crashes between 2000 and 2010 as well as one pedestrian or bicycle fatality between 2000 and 2009 along Segment 2 of the corridor. The Lee County MPO's *2013 Lee Countywide Bicycle and Pedestrian Safety Action Plan* additionally identifies a number of bicycle and pedestrian crashes along Segment 2 between 2007 and 2010. This plan and the Lee County 2040

Transportation Plan identify the intersection of Old US 41 and Bonita Beach Road as a hotspot for non-motorized crashes, the only such hotspot in southern Lee County.

The proposed project is anticipated to improve safety conditions along the roadway for bicyclists and pedestrians by:

- Providing critical infrastructure to facilitate protected bicycle and pedestrian movements and
- Dispersing traffic thereby reducing conflicts between vehicles and bicyclists/pedestrians.

1.3 DESCRIPTION OF PREFERRED ALTERNATIVE

The Preferred Alternative includes widening Old 41 to a four-lane divided roadway with 11-foot travel lanes both eastbound and westbound. The Alternative includes a 5-foot bicycle lane in both directions, a 6-foot sidewalk, and a 10-foot shared use path throughout Old 41 in the Collier County portion. The Preferred Alternative includes a 7-foot bicycle lane in both directions and a 12-foot shared use path south of the new Quadrant Roadway in Bonita Springs (Lee County).

The Preferred Alternative also includes a new Quadrant Roadway that will connect Old 41 with Race Track Road, with 11-foot travel lanes, a 12-foot shared use path on the north/west side, and an 8-foot sidewalk on the south/east side within 70' of ROW. The design speed is 30 mph. This new Quadrant Roadway will allow traffic traveling between the southern end of the study area and Interstate 75 to bypass the intersection at Old 41 and Bonita Beach Road. The Preferred Alternative includes improvements on Bonita Beach Road east of Race Track Road. The intersection of Race Track Road /Bonita Beach Road would remain as a conventional traffic signal with an additional southbound receiving lane and westbound left turn lane. To accommodate the additional westbound left turn lane length, the median opening at Bonita Beach Road/Pine Haven Way would be modified to a directional median opening allowing only westbound left turns and northbound left turns. Eastbound U-Turns would no longer be permitted.

New traffic signals are proposed along Old 41 at Veterans Memorial Boulevard, Rail Head Boulevard, Via Palacio Avenue, Mediterra Drive, and the new Quadrant Roadway to balance safety, access management, and operational needs. Several intersections throughout the study corridor include pavement bulb outs to allow single unit trucks to safely make U-turns.

The existing traffic signal at the US 41/Old 41 intersection would be modified into a Partial Median U-Turn (PMUT) intersection. The PMUT configuration prohibits left turns from northbound/southbound US 41 at Old 41 - these movements would be accomplished via U-Turns at new signalized intersections located north/south of the main US 41/Old 41 intersection. Direct left turns from Old 41 onto southbound US 41 would be allowed.

The proposed roadway typically stays within the existing right-of-way throughout the project area, with the exception of a few intersections, including the Seminole Gulf Railroad crossing and the new Quadrant Roadway. Stormwater management and floodplain compensation sites will be located throughout the study area and will require ROW.

The Preferred Alternative provides for the City of Bonita Springs the desired new Quadrant Roadway found in their planning documents. The Preferred Alternative will meet the purpose and need of this project by widening the roadway to accommodate future travel demand. The Preferred Alternative also creates the opportunity for complete streets with implementations of shared use paths, sidewalks, and bicycle lanes.

2.0 EXISTING UTILITIES

2.1 UTILITY AGENCY OWNERS

The existing and proposed utility facilities within the study area were identified throughout the project corridor as part of this PD&E Study. A list of existing Utility Agency Owners (UAOs) within the project limits was obtained by contacting Sunshine 811. The existing UAOs are listed in **Table 2-1** along with their respective contact information.

Preliminary utility coordination was initiated through written communication to the listed utility contacts. The UAOs were informed of the PD&E study through notification letters and were requested to provide information regarding the location, type, dimension, and characteristics of any major utilities along or crossing the existing right-of-way. UAOs were requested to note if any utility facility is located within the FDOT right-of-way by easement or permit and to provide an order-of-magnitude worst-case estimate for the cost of relocating any utilities affected by the proposed project. Utility companies have responded with as-builts, marked plans, GIS system maps or a letter indicating they have no facilities in the area. The information obtained from the UAOs is documented in this technical memorandum.

Table 2-1: Utility Owners

Utility Contact List					
Utility Agency/Owner	Facility Type	Contact Person	Phone	Email	Comments
Bonita Springs Utilities, Inc	Water, Sewer	Doug Kossert	Main: 239-390-4990 Cell: 239-671-6581	Dkossert@bsu.us	Marked plans provided
Centurylink	Underground Facilities		303-260-4929		Marked plans provided
City of Bonita Springs	Street Lighting, Irrigation	Joel Langaney	Main: 239-949-6242 Cell: 239-478-4614	joel.langaney@cityofbonitasprings.org	Marked plans provided
Collier County BCC Road Maintenance	Irrigation Mainline, PVC Lateral Line	Katherine Chachere	Main: 239-252-8924	katherine.chachere@colliercountyfl.gov	Marked plans provided
Collier County Public Utilities	Water, Sewer	Benjamin Bullert	Main: 239-252-2583 Cell: 239-877-6339	benjamin.bullert@colliercountyfl.gov	Marked plans provided
Collier County Traffic Operations and Information Technology	Buried Fiber Optic Cable, Roadway Lighting	Julio Ordonez	Main: 239-252-5722 Cell: 239-227-8327	julio.ordonez@colliercountyfl.gov	Marked plans provided
Comcast	Not available				Marked plans provided
Crown Castle NG	Fiber Facilities/Equipment	Nick Belinsky	Main: 724-416-2449	nicholas.belinsky@crowncastle.com	Marked plans provided
Florida Power and Light - Collier/Lee	Overhead Electric, Buried Electric	Michael Martinez	Main: 239-353-6047	michael.martinez@fpl.com	Marked plans provided
Hotwire Communications	Overhead Fiber Optic Cable, Underground Fiber Optic Cable	Walter Sancho-Davila	Main: 954-699-0900 Cell: 954-248-7396	walter.sancho-davila@hotwirecommunication.com	Marked plans provided
Lee County Irrigation	No facilities in project area	Patrick McFadden	Main: 238-533-9400 Cell: 239-822-3864	pmcfadden@leegov.com	Email provided
Lee County Traffic Signal Department	Fiber Optic Cable, Traffic Signals	James Fencil		jfencil@leegov.com	
Resource Conservation System	No service in project area	Ryan Willoughby		info@rcsirigation.com	Email provided
SICE	No facilities in project area	Lidia Regalado	Main: 305-222-7040 Cell: 305-498-2785	lregalado@sice.com	Email provided
Summit Broadband Inc	Buried Fiber Optic Cable, Overhead Fiber Optic Cable	Charles A Hartsock	Main: 239-444-0033 Cell: 239-631-9310	chartsock@summit-broadband.com	Email provided
TECO Peoples Gas	Gas Main	Anthony Baublitz	941-342-4025 443-538-7139	af@baublitztecoenergy.com	Marked plans provided

2.2 DESCRIPTION OF EXISTING UTILITIES

The existing utility facilities include power, gas, water, wastewater, and communications. A preliminary plan set with the aerial background was sent to all identified UAOs within the project area. The plan set was provided for their use in documenting their facilities. Information received from the various UAOs can be found in **Appendix B**.

The general location of the existing utility facilities described below in **Table 2-2** is based on the Utility Agency Owners' response and their accompanied documents. The exact locations of the existing utilities and the extent of impacts will be determined during the design phase of this project. Coordination with the UAOs during the design phase will assist in minimizing relocation adjustments and disruptions of service to the public.

Table 2-2: Description of Existing Facilities

Utility Agency/Owner	Facility Type	Limits and Details			
		Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd
Bonita Springs Utilities, Inc.	Water	Bonita Springs Utilities provided digital maps showing the following utilities: 8" DIP water main on west side of CR 887 goes south from Bonita Beach Road and turns west twice towards Bonita Business Park; 10" PVC water main from west side of CR 887 crosses east towards Dog Track; 12" PVC water main runs parallel the north side of the ditch next to Causeway Commerce Park and turns south on CR 887; 10"/8" PVC water main on the west side of CR 887 crosses the road and heads east along Compound Road; 8" PVC water main on the west side of CR 887 goes south along Constitution Plaza	None	Bonita Springs Utilities provided digital maps showing the following utilities: 12" DIP potable water main on north side of Bonita Beach Rd turns north on CR 887; 12" PVC potable water main on the north side of Bonita Beach Road crosses CR 887 and continues east on Bonita Beach Rd; 12" PVC potable water main crosses Bonita Beach Road at Race Track Rd; 8" DIP potable water main on the south side of Bonita Beach Rd from Industrial Rd turns south onto CR 887	Bonita Springs Utilities provided digital maps showing the following utilities: 12" PVC potable water main crosses Bonita Beach Road and stays on the west side of Race Track Road and continues south; 10" PVC potable water main crosses Race Track Road to Performance Lane and continues east; 12" PVC potable water main crosses Race Track Road to K Nine Drive and continues east; 12" PVC potable water main crosses Race Track Road to Enterprise Avenue and continues east
					Bonita Springs Utilities provided digital maps showing the following utilities: 6" PVC water main runs along the south side of Dog Track towards the east splitting into three sections to Race Track Road north and east, and south towards the track; 12" PVC water main from Race Track Road continues south, one section towards the track building, and the second one southwest towards buildings on the south; 6" PVC potable water main from CR 887 ends at Kennel Club

Limits and Details						
Utility Agency/Owner	Facility Type	Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd	Other
	Sewer	8" PVC sewer force main on the east side of CR 887 runs south from Bonita Beach Road and connects to 6" DIP that turns east on Compound Road; 6" PVC sewer force main on the east side of CR 887 continues south from Compound Road and turns east towards Mediterra Drive; Sewer gravity main on west side of CR 887 runs along Causeway Commerce Park and crosses CR 887. It continues south towards Compound Road, then crosses CR 887 and runs along Constitution Plaza	None	6" PVC sewer force main on the south of Bonita Beach Road from the west crosses CR 887 by 6" HDPE ducts for transmission; sewer force main on the northeast quadrant of CR 887 and Bonita Beach Road crosses Bonita Beach to the south and connects to 16" PVC; 16" PVC sewer force main on the south side of Bonita Beach Road from Trackside Donuts continues east past W Brook Drive	6" PVC sewer force main from south of Bonita Beach Road continues south on the east side of Race Track Road	Sewer gravity main from Kennel Club east ends at Greyhound track; 6" DIP from CR 887 going east towards Greyhound track; Sewer gravity main under Race Track Road from Performance Lane to Enterprise Ave. It Continues east down side street at each end.
Centurylink		Underground Facilities	CenturyLink provided aerial maps showing the following utilities: Local buried asset runs along CR 887 from US 41 to Performance Way; Local buried asset runs along CR 887 from Constitution Plaza north, crosses Bonita Beach Road, ends at Dean Street; National buried asset on northwest side of CR 887 goes from US 41 to CSX, and continues north past Bonita Beach Road adjacent to CSX	CenturyLink provided aerial maps showing the following utilities: Local buried asset on the east side of US 41 from Retreat Drive to CR 887; Local buried asset on the west side of US 41 from Audubon Blvd to south past CR 887; National buried asset on the east side of US 41 from CR 887 to south past Royal Cove Drive	CenturyLink provided aerial maps showing the following utilities: Local buried asset south of Bonita Beach Road from CR 887 to west past Spanish Wells Blvd; Local buried asset north of Bonita Beach Road from CR 887 to Oak Creek	CenturyLink provided aerial maps showing the following utilities: Local buried asset west of Race Track Road from Bonita Beach Road south to Harmony Park Drive

Utility Agency/Owner	Facility Type	Limits and Details				
		Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd	Other
City of Bonita Springs	Street Lighting and Irrigation	The City provided aerial maps showing the following utilities: Decorative street lighting and landscape irrigation on both sides of CR 887 north of Bonita Beach Road	None	None	None	None
Collier County BCC Road Maintenance	Irrigation Main Line	None	Collier County BBC Road Maintenance provided marked maps and GIS files showing the following utilities: 16" PVC Irrigation Main Line under the northbound lanes of US 41 from Wiggins Pass Rd to CR 887 where it shifts to the median and continues to the south Market Place Commons Driveway. Then crosses to the east side of US 41 and continues north past the study limits.	None	None	None
	PVC Lateral Line	None	PVC Lateral Line on the west side of US 41 starts at the south corner of Tarpon Cove Community and continues north on US 41 to the south Market Place Commons driveway where it crosses to the east side of US 41 and intersects main; PVC Lateral Line on the east side of US 41 starts at the corner of CR 887 and continues north past Market Place Commons ; PVC Lateral Line on the east side of US 41 starts at the corner of CR 887 and continues south past Caribbean Naples	None	None	None

Utility Agency/Owner	Facility Type	Limits and Details			
		Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd
Collier County Public Utilities	Water	Collier County Public Utilities provided digital maps and GIS files showing the following utilities: 12" DIP water main on east side of CR 887 from south corner of Landmark Estates to Gulf Coast Dr; 16" DIP water main on east side of CR 887 from Gulf Coast Dr to Arbor View Blvd; 10" PVC water main on east side of CR 887 from Arbor View Blvd to Performance Way; 10" PVC water main crossing CR 887 to the north side of Performance Way; 8" PVC lateral line crossing CR 887 260' south of Arbor View Blvd; 8" PVC lateral line crossing CR 887 100' south of Turtle Creek Blvd	Collier County Public Utilities provided digital maps and GIS files showing the following utilities: 16" PVC water main on east side of US 41 from Market Place Commons to north past Tamiami Square; 16" PVC water main on east side of US 41, cross US 41 150' south of the south Market Place Commons driveway, and continue south to Wiggins Pass Rd on west side; 12" DIP water main on east side of US 41 from Wiggins Pass Rd to Sunrise Blvd where it continues north behind the 13800 Tamiami Trail shopping center to CR 887; 8" PVC water main crossing US 41 at north Market Place Commons driveway	None	None
	Sewer	10" PVC force main on the east side of CR 887 from US 41 to north corner of Landmark Community; 12" PVC force main on the east side of CR 887 from north corner of Landmark Community to Performance Way; 4" PVC force main crossing CR 887 on the east side of US 41 intersection; 4" PVC force main crossing CR 887 on the south side of the CVS driveway; 6" PVC force main crossing CR 887 100' south of Turtle Creek Blvd; 6" PVC force main crossing CR 887 on the south side of Sterling Oaks Dr; 4" PVC force main crossing CR 887 on the north side of Arbor View Blvd;	4" PVC force main on the east side of US 41 from CR 887 north past Market Place Commons; 12" PVC force main on the east side of US 41 from Wiggins Pass Rd to Sunrise Blvd where it continues north behind the 13800 Tamiami Trail shopping center to CR 887; 12" PVC force main crossing US 41 on the north side of the Wiggins Pass intersection; 4" PVC force main on the west side of US 41 from the north Market Place Commons driveway to 1,000' north where it turns west	None	4" PVC force main north side of Collier Center Way from CR 887 to channel (right before Business Lane); 6" PVC force main on the north side of Rail Head Blvd
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Utility Agency/Owner	Facility Type	Limits and Details				
		Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd	Other
		4" PVC force main crossing CR 887 on the south side of Performance Way				
Collier County Traffic Operations and Information Technology	Buried Fiber Optic Cable, Roadway Lighting	None	Collier County provided digital maps showing the following utilities: Buried fiber (CCTO/CCIT) on the west side of US 41 from south of Sunrise Blvd to 650' north of CR 887; Roadway Lighting on the both sides of US 41 from south of Sunrise Blvd to north of Red Fox Run	None	None	None
Com cast	Not available					
Crown Castle NG	Fiber Facilities/Equipment	Crown Castle provided digital maps showing the following utilities: Underground Conduit located behind Market Place Commons and crosses CR 887 and stops around Ristorante Limoncello Naples; Underground Fiber located behind Market Place Commons from CR 887 to Market Place Commons parking lot; Aerial Fiber located west of US 41 past Market Place Commons and past CR 887	Crown Castle provided digital maps showing the following utilities: Underground Conduit located west of US 41 past Market Place Commons past CR 887; Underground Conduit east of CR 887 from CSX and continues north past Bonita Beach Road; Aerial Fiber on the east side of CR 887 from US 41 to Market Place Commons, crosses CR 887, and continues to the south corner of FPL Angler Substation and crosses CR 887 again and continues north on the east side	Crown Castle provided digital maps showing the following utilities: Aerial fiber on the north side of Bonita Beach Road from CR 887 to Race Track Road	Crown Castle provided digital maps showing the following utilities: Aerial fiber on north side of Bonita Beach Road crosses to east side of Race Track Road and continues south past Greyhound Track	None

Utility Agency/Owner	Facility Type	Limits and Details				
		Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd	Other
			of CR 887, and turns east on Sun Century Road			
Florida Power and Light - Collier/Lee	Overhead Electric	Florida Power and Light provided digital maps showing the following utilities: Overhead electric 23KV on the east side of CR 887 from US 41 to CVS crosses CR 887 and continues north on the west side and crosses again at Collier Centar Way and continues north on the east side of CR 887 to Channel 30 Drive; Overhead electric 23KV on north and south side of Performance way from CR 887 to end of the road; Overhead electric 23KV on the west side of CR 887 from CSX area continues north past Bonita Beach Road	Florida Power and Light provided digital maps showing the following utilities: Overhead Electric on the west side of US 41 ranging past Retreat Drive and continues south past Imperial Golf Course road;	Florida Power and Light provided digital maps showing the following utilities: Overhead electric on north side of Bonita Beach Road from Washington Street and continues past Pine Haven Way	Florida Power and Light provided digital maps showing the following utilities: Overhead electric on the east side of Race Track Road from Bonita Beach Road to Harmony Park Drive	None
	Buried Electric	Florida Power and Light provided digital maps showing the following utilities: Buried electric 23KV on the east side of CR 887 from US 41 to north corner of Landmark Community, and crosses CR 887 and continues on the west side of the road towards Meadow Brook Apartments; Buried electric 23KV on west side of CR 887 from Channel 30 Drive to CSX area	None	None	None	None

Utility Agency/Owner	Facility Type	Limits and Details				
		Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd	Other
Hotwire Communications	Overhead Fiber Optic Cable	Hotwire Communications provided marked maps showing the following utilities: Overhead FOC crosses US 41 and stays east of CR 887 and ends at existing utility pole on the south corner of Landmark Estates; Overhead FOC on the east side of CR 887 at north corner Landmark Estates to Channel 30 Drive and crosses CR 887 and ends at the existing utility pole on the west side of CR 887	Hotwire Communications provided marked maps showing the following utilities: Overhead FOC on the west side of US 41 ranges past Tamiami Square and continues south past Gateway Shoppes	None	None	None
	Underground Fiber Optic Cable	Underground FOC on the east side of CR 887 from Ristorante Limoncello Naples to the north corner of Landmark Estates Underground FOC on the east side of CR 887 from north corner of Landmark Estates continues north and turns east at Collier Center Way to the end of Business Lane; Underground FOC on the east side of CR 887 from Midgard Self Storage and turns east to Rail Head Blvd; Underground FOC on the west side of CR 887 from Channel 30 Drive to Causeway Commerce Park	None	None	None	None

Limits and Details						
Utility Agency/Owner	Facility Type	Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd	Other
Lee County Signal Department	Fiber Optic Cable, Traffic Signals	Lee county signal department provided marked maps showing the following utilities: Vehicle Count Station next to Channel 30 Drive; Fiber Optic Cable on west side of CR 887 from Bonita Beach Road continues north past Crockett Street	None	Lee county signal department provided marked maps showing the following utilities: Fiber Optic Cable on north side of Bonita Beach Road from box culvert next to Industrial Street and past Race Track Road; Traffic signal at Bonita Beach Road and CR 887; Traffic signal at Bonita Beach Road and Race Track Road	None	None
Summit Broadband Inc.	Buried Fiber Optic Cable	Summit Broadband provided marked maps showing the following utilities: East side of CR 887 from 300' south of Collier Center Way to Rail Head Blvd; West side of CR 887 from Bonita Business Park to Bonita Beach Rd	Summit Broadband provided marked maps showing the following utilities: East side of US 41 from 13800 Tamiami Trail shopping center entrance to Red Fox Run	Summit Broadband provided marked maps showing the following utilities: South side of Bonita Beach Rd from Industrial Road to east of Race Track Rd; Crossing approx. 300' east of CR 887 intersection	None	None
	Overhead Fiber Optic Cable	Summit Broadband provided marked maps showing the following utilities: East/south side of CR 887 from US 41 to east of 13800 Tamiami Trail shopping center entrance where it crosses CR 887 and continues west side to FPL utility easement driveway. Crosses back to east side and continues north to 300' south of Collier Center Way where it goes underground.	Summit Broadband provided marked maps showing the following utilities: West side of US 41 from south entrance of Gateway Shoppes to north of Red Fox Run; Crossing of US 41 on the south side of the CR 887 intersection	None	None	None

Utility Agency/Owner	Facility Type	Limits and Details				
		Old US 41 (CR 887)	US 41	Bonita Beach Rd	Race Track Rd	Other
TECO Peoples Gas - Ft Myers		TECO Peoples Gas provided marked maps showing the following utilities: 4" PE gas main on the west side of CR 887 starts at US 41 and ends at Collier Center Way;	TECO Peoples Gas provided marked maps showing the following utilities: 8" CS gas main on the east side of US 41 past Red Fox Run crosses US 41 to the west side and continues south of Gateway Shoppes;	TECO Peoples Gas provided marked maps showing the following utilities: Buried 6" PE gas main on the south side of Bonita Beach Rd from west of Industrial Rd to east of Race Track Rd;	TECO Peoples Gas provided marked maps showing the following utilities: Buried 4" PE gas main on the west side of Race Track Rd from Bonita Beach Rd to Greyhound Track	TECO Peoples Gas provided marked maps showing the following utilities: 2" PE gas main starts on the west side of CR 887 and crosses the road to continue onto Collier Center Way, and ends at Kakes by Karen bakery;
	Gas Main	4" PE gas main on the west side of CR 887 from Via Palacio Ave to just south of Bonita Beach Rd where it crosses to the east side of CR 887.	3/4" PE S/L on US 41 starts at Gateway Shoppes and transitions to a 4" PE GM and crosses US 41 at CR 887 and continues south on the east side of US 41	2" gas main crossing Bonita Beach Rd on east side of CR 887 intersection that continues north along CR 887		2" PE gas main on west side of Industrial Rd south of Bonita Beach Rd

2.3 **Potentially Impacted Existing Utilities**

Provided below is a summary of the existing facilities within conflict of the preferred alternative. All stations provided are approximate.

Bonita Springs Utilities, Inc provided digital maps showing the following utilities in conflict:

- Old US 41 (CR 887)
 - 10" PVC water main from west side of CR 887 crosses east towards Dog Track
 - 12" PVC water main runs parallel the north side of the ditch next to Causeway Commerce Park and turns south on CR 887
 - 10"/8" PVC water main on the west side of CR 887 crosses the road and heads east along Compound Road
 - 8" PVC water main on the west side of CR 887 goes south along Constitution Plaza
 - 8" PVC sewer force main on the east side of CR 887 runs south from Bonita Beach Road and connects to 6" DIP that turns east on Compound Road
 - 6" PVC sewer force main on the east side of CR 887 continues south from Compound Road and turns east towards Mediterra Drive
 - Sewer gravity main on west side of CR 887 runs north along Causeway Commerce Park and goes east crossing CR 887. It continues south towards Compound Road, then runs west and crosses CR 887 and runs south along Constitution Plaza
- Bonita Beach Rd
 - 12" PVC potable water main on the north side of Bonita Beach Road runs west, then runs south and crosses CR 887, and continues east on Bonita Beach Rd
 - 12" DIP potable water main crosses Bonita Beach Road at Race Track Rd
 - 16" PVC sewer force main on the south side of Bonita Beach Road from Trackside Donuts continues east past W Brook Drive
- Race Track Rd
 - 12" PVC potable water main crosses Bonita Beach Road and stays on the west side of Race Track Road and continues south
 - 10" PVC potable water main crosses Race Track Road to Performance Lane and continues east
 - 12" PVC potable water main crosses Race Track Road to K Nine Drive and continues east
 - 12" PVC potable water main crosses Race Track Road to Enterprise Avenue and continues east
 - 6" PVC sewer force main from south of Bonita Beach Road continues south on the east side of Race Track Road past Performance Lane

- Greyhound Racetrack
 - 6" PVC water main runs along the south side of Dog Track towards the east splitting into three sections to Race Track Road north and east, and south towards the track
 - 6" PVC potable water main from CR 887 ends at Kennel Club
 - 6" DIP sewer force main from CR 887 going east towards Greyhound track
 - 6" sewer gravity main under Race Track Road from Performance Lane to Enterprise Ave. It Continues east down the side street at each end.
 - 12" PVC potable water from north of Race Track Rd south past Harmony Park Drive
 - 8" PVC potable water main west of CR 887 runs across CR 887 east and south to the homes of Mediterra neighborhood development

Century Link provided aerial maps showing the following utilities:

- Old US 41 (CR 887)
 - Local buried asset runs along CR 887 from US 41 to Performance Way
 - Local buried asset runs along CR 887 from Constitution Plaza north, crosses Bonita Beach Road, ends at Dean Street
 - National buried asset on northwest side of CR 887 goes from US 41 to CSX, and continues north past Bonita Beach Road adjacent to CSX
- US 41
 - Local buried asset on the east side of US 41 from Retreat Drive to CR 887
 - Local buried asset on the west side of US 41 from Audubon Blvd to south past CR 887
 - National buried asset on the east side of US 41 from CR 887 to south past Royal Cove Drive
- Race Track Rd
 - Local buried asset west of Race Track Road from Bonita Beach Road south to Harmony Park Drive
- Greyhound Racetrack
 - Local buried asset half-way into Compound Road to Kennel Club

City of Bonita Springs provided aerial maps showing no utilities in conflict with the preferred alternative.

Collier County BCC Road Maintenance provided marked maps and GIS files showing the following utilities:

- US 41
 - 16" PVC Irrigation Main Line under the northbound lanes of US 41 from Wiggins Pass Rd to CR 887 where it shifts to the median and continues to the south Market

Place Commons Driveway. Then crosses to the east side of US 41 and continues north past the study limits.

- PVC Lateral Line on the west side of US 41 starts at the south corner of Tarpon Cove Community and continues north on US 41 to the south Market Place Commons driveway where it crosses to the east side of US 41 and intersects main
- PVC Lateral Line on the east side of US 41 starts at the corner of CR 887 and continues north past Market Place Commons
- PVC Lateral Line on the east side of US 41 starts at the corner of CR 887 and continues south past Caribbean Naples

Collier County Public Utilities provided digital maps and GIS files showing the following utilities:

- Old US 41 (CR 887)
 - 12" DIP water main on east side of CR 887 from south corner of Landmark Estates to Gulf Coast Dr
 - 16" DIP water main on east side of CR 887 from Gulf Coast Dr to Arbor View Blvd
 - 10" PVC water main on east side of CR 887 from Arbor View Blvd to Performance Way
 - 10" PVC water main crossing CR 887 to the north side of Performance Way
 - 8" PVC lateral line crossing CR 887 260' south of Arbor View Blvd
 - 8" PVC lateral line crossing CR 887 100' south of Turtle Creek Blvd
 - 10" PVC force main on the east side of CR 887 from US 41 to north corner of Landmark Community
 - 12" PVC force main on the east side of CR 887 from north corner of Landmark Community to Performance Way
 - 4" PVC force main crossing CR 887 on the east side of US 41 intersection
 - 4" PVC force main crossing CR 887 on the south side of the CVS driveway
 - 6" PVC force main crossing CR 887 100' south of Turtle Creek Blvd
 - 6" PVC force main crossing CR 887 on the south side of Sterling Oaks Dr
 - 4" PVC force main crossing CR 887 on the north side of Arbor View Blvd
 - 4" PVC force main crossing CR 887 on the south side of Performance Way
 - 10" PVC water main on north side of Gulf Coast Dr
- US 41
 - 16" PVC water main on east side of US 41 from Market Place Commons to north past Tamiami Square
 - 16" PVC water main on east side of US 41, cross US 41 150' south of the south Market Place Commons driveway and continue south to Wiggins Pass Rd on west side
 - 12" DIP water main on east side of US 41 from Wiggins Pass Rd to Sunrise Blvd where it continues north behind the 13800 Tamiami Trail shopping center to CR 887

- 8" PVC water main crossing US 41 at north Market Place Commons driveway
- 4" PVC force main on the east side of US 41 from CR 887 north past Market Place Commons
- 12" PVC force main on the east side of US 41 from Wiggins Pass Rd to Sunrise Blvd where it continues north behind the 13800 Tamiami Trail shopping center to CR 887
- Others
 - 8" PVC water main on south side of Collier Center Way from CR 887 to end of the road towards Business Lane
 - 8" PVC water main south side of Rail Head Blvd from CR 887 past CSX
 - 16" DIP water main on north side of Sterling Oaks Dr
 - 8" PVC water main on north side of Anglewood Ct
 - 4" PVC force main north side of Collier Center Way from CR 887 to channel (right before Business Lane)
 - 6" PVC force main on the north side of Rail Head Blvd

Collier County Traffic Operations and Information Technology provided digital maps showing the following utilities:

- US 41
 - Buried fiber (CCTO/CCIT) on the west side of US 41 from south of Sunrise Blvd to 650' north of CR 887
 - Roadway Lighting on both sides of US 41 from south of Sunrise Blvd to north of Red Fox Run

Information regarding Comcast utilities was not available.

Crown Castle NG provided digital maps showing the following utilities:

- Old US 41 (CR 887)
 - Underground Conduit located behind Market Place Commons and crosses CR 887 and stops around Ristorante Limoncello Naples
 - Underground Fiber located behind Market Place Commons from CR 887 to Market Place Commons parking lot
 - Aerial Fiber on the east side of CR 887 from US 41 to Market Place Commons, crosses CR 887, and continues to the south corner of FPL Angler Substation and crosses CR 887 again and continues north on the east side of CR 887, and turns east on Sun Century Road
 - Underground Conduit east of CR 887 from CSX and continues north past Bonita Beach Road
- US 41
 - Aerial Fiber located west of US 41 past Market Place Commons and past CR 887

- Underground Conduit located west of US 41 starts past Market Place Commons and runs past CR 887
- Bonita Beach Rd
 - Aerial fiber on the north side of Bonita Beach Road from CR 887 to Race Track Road
- Race Track Rd
 - Aerial fiber on north side of Bonita Beach Road crosses to east side of Race Track Road and continues south past Greyhound Track

Florida Power and Light – Collier/Lee provided digital maps showing the following utilities:

- Old US 41 (CR 887)
 - Overhead electric 23KV on the east side of CR 887 from US 41 to CVS crosses CR 887 and continues north on the west side and crosses again at Collier Center Way and continues north on the east side of CR 887 to Channel 30 Drive
 - Overhead electric 23KV on north and south side of Performance way from CR 887 to end of the road
 - Overhead electric 23KV on the west side of CR 887 from CSX area continues north past Bonita Beach Road
 - Buried electric 23KV on the east side of CR 887 from US 41 to north corner of Landmark Community, and crosses CR 887 and continues on the west side of the road towards Meadow Brook Apartments
 - Buried electric 23KV on west side of CR 887 from Channel 30 Drive to CSX area
- US 41
 - Underground Conduit located west of US 41 past Market Place Commons and then continues past CR 887
 - Underground Conduit east of CR 887 from CSX and continues north past Bonita Beach Road
 - Aerial Fiber on the east side of CR 887 from US 41 to Market Place Commons, crosses CR 887, and continues to the south corner of FPL Angler Substation and crosses CR 887 again and continues north on the east side of CR 887, and turns east on Sun Century Road
- Race Track Rd
 - Overhead electric on the east side of Race Track Road from Bonita Beach Road to Harmony Park Drive

Hotwire communications provided marked maps showing the following utilities:

- Old US 41 (CR 887)
 - Overhead FOC crosses US 41 and stays east of CR 887 and ends at existing utility pole on the south corner of Landmark Estates
 - Overhead FOC on the east side of CR 887 at north corner Landmark Estates to Channel 30 Drive and crosses CR 887 and ends at the existing utility pole on the west side of CR 887
 - Underground FOC on the east side of CR 887 from Ristorante Limoncello Naples to the north corner of Landmark Estates
 - Underground FOC on the east side of CR 887 from north corner of Landmark Estates continues north and turns east at Collier Center Way to the end of Business Lane
 - Underground FOC on the east side of CR 887 from Midgard Self Storage and turns east to Rail Head Blvd
 - Underground FOC on the west side of CR 887 from Channel 30 Drive to Causeway Commerce Park
- US 41
 - Overhead FOC on the west side of US 41 ranges past Tamiami Square and continues south past Gateway Shoppes

Lee County Irrigation Department did not have any utilities in conflict with the preferred alternative.

Lee County Signal Department provided marked maps showing the following utilities:

- Old US 41 (CR 887)
 - Vehicle Count Station next to Channel 30 Drive
- Bonita Beach Rd
 - Fiber Optic Cable on north side of Bonita Beach Road from box culvert next to Industrial Street and past Race Track Road
 - Traffic signal at Bonita Beach Road and Race Track Road

Resource Conservation Systems did not have any utilities in conflict with the preferred alternative.

SICE did not have any utilities in conflict with the preferred alternative.

Summit Broadband Inc. provided marked maps showing the following utilities:

- Old US 41 (CR 887)
 - East side of CR 887 from 300' south of Collier Center Way to Rail Head Blvd
 - East/south side of CR 887 from US 41 to east of 13800 Tamiami Trail shopping center entrance where it crosses CR 887 and continues west side to FPL utility

easement driveway. Crosses back to east side and continues north to 300' south of Collier Center Way where it goes underground.

- US 41
 - East side of US 41 from 13800 Tamiami Trail shopping center entrance to Red Fox Run
 - West side of US 41 from south entrance of Gateway Shoppes to north of Red Fox Run
 - Crossing of US 41 on the south side of the CR 887 intersection
- Bonita Beach Rd
 - SBB south side of Bonita Beach Rd from Industrial Road to east of Race Track Rd

TECO Peoples Gas – Ft Myers provided marked maps showing the following utilities:

- Old US 41 (CR 887)
 - 4" PE gas main on the west side of CR 887 starts at US 41 and ends at Collier Center Way
 - 4" PE gas main on the west side of CR 887 from Via Palacio Ave to just south of Bonita Beach Rd where it crosses to the east side of CR 887.
 - 2" PE gas main starts on the west side of CR 887 and crosses the road to continue onto Collier Center Way, and ends at Kakes by Karen bakery
- US 41
 - 8" CS gas main on the east side of US 41 past Red Fox Run crosses US 41 to the west side and continues south of Gateway Shoppes
 - 3/4" PE S/L on US 41 starts at Gateway Shoppes and transitions to a 4" PE GM and crosses US 41 at CR 887 and continues south on the east side of US 41
- Bonita Beach Rd
 - Buried 6" PE gas main on the south side of Bonita Beach Rd from west of Industrial Rd to east of Race Track Rd
- Race Track Rd
 - Buried 4" PE gas main on the west side of Race Track Rd from Bonita Beach Rd to Greyhound Track
- Greyhound Racetrack
 - 2" PE gas main on west side of Industrial Rd south of Bonita Beach Rd

3.0 COST ESTIMATES

Utility relocation estimates were requested from all UAOs. Collier County provided a proposed cost estimate for the preferred alternative (referred to in their cost estimate as Alternate 1). As Collier County is both the roadway owner and a utilities owner, the county will be responsible for covering costs associated with the relocation of owned utilities. Relocation estimates were not provided from any other UAO as their utilities were located within the ROW by permit, thus relocation costs are not expected to be reimbursable. The total combined estimated cost for relocations is \$ 1,484,734.80. See **Appendix C** for details of the cost estimate.

4.0 MITIGATION RECOMMENDATIONS

Mitigation measures should consider the following:

- The accurate location of all underground facilities to confirm a clear or conflict determination
- The accurate location of all aerial facilities to confirm a clear or conflict determination
- An innovative design approach to avoid the utility facilities and minimize impacts
- Minimizing the duration of unavoidable service disruptions
- Allowing service disruptions only during periods of no or minimal usage
- Maintaining utility connections in temporary locations
- Installing alternative or new facilities before disconnecting the existing facilities
- Completion of the necessary utility work prior to the start of roadway construction, or prioritize the utility work to avoid the first phases of roadway construction
- Removing Occupational Safety and Health Administration (OSHA) crane conflicts, utilize low overhead construction techniques

APPENDIX A

CONCEPTUAL PLAN FOR BUILD ALTERNATIVE



COLLIER COUNTY		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PREFERRED ALTERNATIVE		SHEET NO.
HNTB CORPORATION MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	43510-1-22-01 435347-1-22-01	
4/7/2024		CR 887	COLLIER AND LEE			1A

- 100
- STATION

EXISTING ROW

PROPERTY LINES

PROPOSED ROW

PROPOSED EASEMENT

WETLANDS

SURFACE WATERS
- PROPOSED CONCRETE SEPARATOR

PROPOSED SIDEWALK / PATH

PROPOSED PAVEMENT

PROPOSED MEDIAN

FUTURE BY-OTHERS

CONSERVATION EASEMENTS



COLLIER COUNTY										<i>PREFERRED ALTERNATIVE</i>		SHEET NO.
HNTB CORPORATION MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FLORIDA 33602												
PROPOSED CONCRETE SEPARATOR PROPOSED SIDEWALK/PATH PROPOSED PAVEMENT PROPOSED MEDIAN FUTURE BY-OTHERS CONSERVATION EASEMENTS SURFACE WATERS										STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		1B
STATION EXISTING ROW PROPERTY LINES PROPOSED ROW PROPOSED EASEMENT WETLANDS SURFACE WATERS										ROAD NO.	COUNTY	
										CR 887	COLLIER AND LEE	435110-1-22-01 435347-1-22-01



100		COLLIER COUNTY		HNTB CORPORATION MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FLORIDA 33602		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PREFERRED ALTERNATIVE		SHEET NO. 2	
STATION		PROPOSED CONCRETE SEPARATOR		ROAD NO.		COUNTY		FINANCIAL PROJECT ID			
EXISTING ROW		PROPOSED SIDEWALK / PATH		CR 887		COLLIER AND LEE		435110-1-22-01			
PROPERTY LINES		PROPOSED PAVEMENT						435347-1-22-01			
PROPOSED ROW		PROPOSED MEDIAN									
PROPOSED EASEMENT		FUTURE BY-OTHERS									
WETLANDS		CONSERVATION EASEMENTS									
SURFACE WATERS											



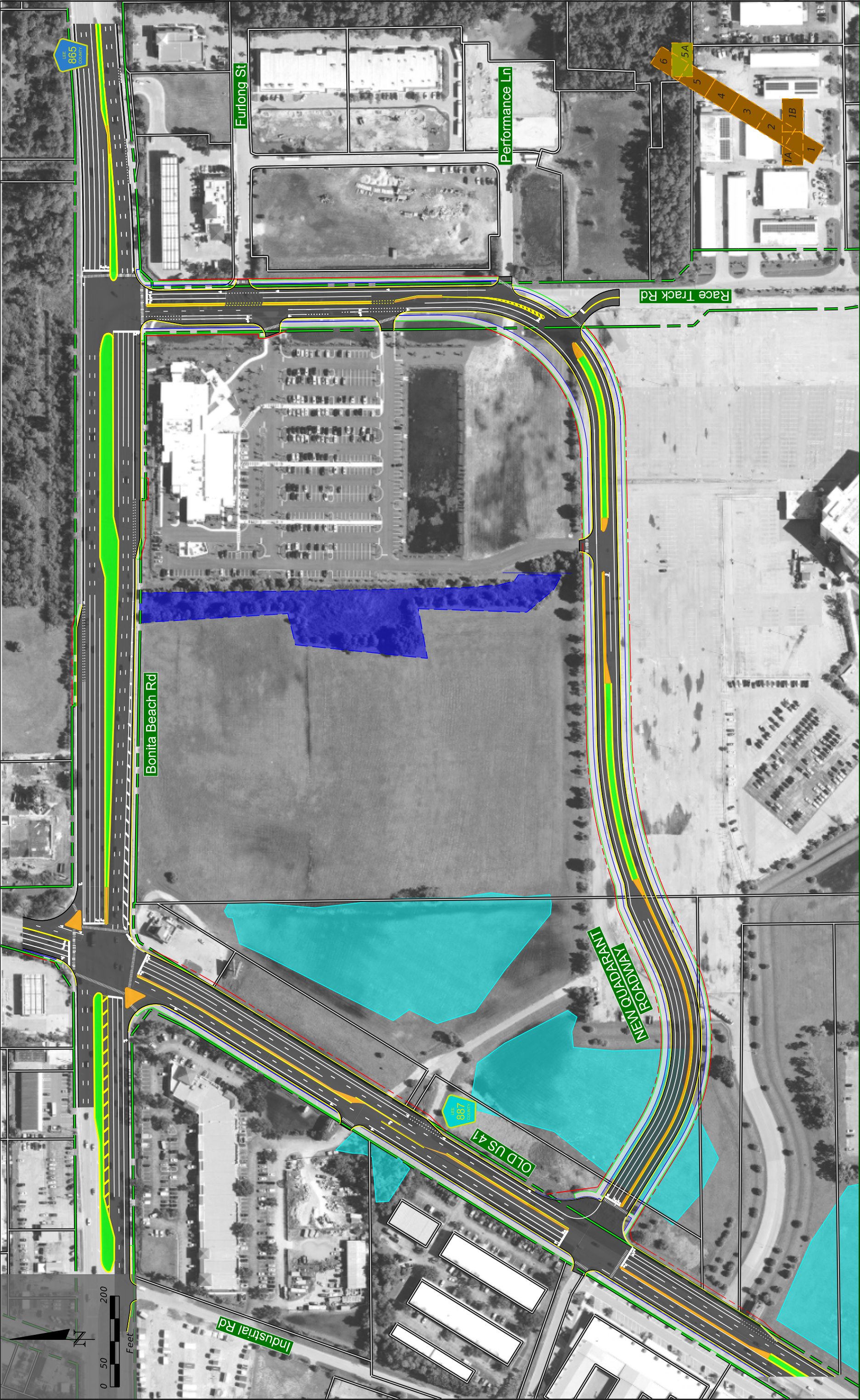
COLLIER COUNTY		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PREFERRED ALTERNATIVE	
STATION EXISTING ROW PROPERTY LINES PROPOSED ROW PROPOSED EASEMENT WETLANDS SURFACE WATERS	PROPOSED CONCRETE SEPARATOR PROPOSED SIDEWALK/PATH PROPOSED PAVEMENT PROPOSED MEDIAN FUTURE BY-OTHERS CONSERVATION EASEMENTS	HNTB CORPORATION MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FLORIDA 33602		ROAD NO. COUNTY FINANCIAL PROJECT ID	
		CR 887 COLLIER AND LEE 435110-1-22-01 435347-1-22-01		SHEET NO. 3	



COLLIER COUNTY										LEE COUNTY/CITY OF BONITA SPRINGS																																									
100 STATION EXISTING ROW PROPERTY LINES PROPOSED ROW PROPOSED EASEMENT WETLANDS SURFACE WATERS										PROPOSED CONCRETE SEPARATOR PROPOSED SIDEWALK/PATH PROPOSED PAVEMENT PROPOSED MEDIAN FUTURE BY-OTHERS CONSERVATION EASEMENTS										HNTB CORPORATION MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FLORIDA 33602										STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID CR 887 COLLIER AND LEE 43510-1-22-01 435347-1-22-01										PREFERRED ALTERNATIVE										SHEET NO.	
																																																		4	



100 STATION EXISTING ROW PROPERTY LINES PROPOSED ROW PROPOSED EASEMENT WETLANDS SURFACE WATERS	PROPOSED CONCRETE SEPARATOR	HNTB CORPORATION MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FLORIDA 33602	STATE OF FLORIDA		<i>PREFERRED ALTERNATIVE</i>	SHEET NO. 5	
	PROPOSED SIDEWALK / PATH		DEPARTMENT OF TRANSPORTATION				
	PROPOSED PAVEMENT		ROAD NO.	COUNTY			FINANCIAL PROJECT ID
	FUTURE BY-OTHERS		CR 887	COLLIER AND LEE			43510-1-22-01
	CONSERVATION EASEMENTS						435347-1-22-01



LEE COUNTY/CITY OF BONITA SPRINGS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PREFERRED ALTERNATIVE		SHEET NO.	
HNTB CORPORATION MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FLORIDA 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5A	
		CR 887	COLLIER AND LEE	43510-1-22-01 435347-1-22-01			

100

STATION

EXISTING ROW

PROPERTY LINES

PROPOSED ROW

PROPOSED EASEMENT

WETLANDS

SURFACE WATERS

PROPOSED CONCRETE SEPARATOR

PROPOSED SIDEWALK/PATH

PROPOSED PAVEMENT

PROPOSED MEDIAN

FUTURE BY-OTHERS

CONSERVATION EASEMENTS

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STATION

100

EXISTING ROW

PROPERTY LINES

PROPOSED ROW

PROPOSED EASEMENT

WETLANDS

SURFACE WATERS

PROPOSED CONCRETE SEPARATOR

PROPOSED SIDEWALK / PATH

PROPOSED PAVEMENT

PROPOSED MEDIAN

FUTURE BY-OTHERS

CONSERVATION EASEMENTS

HNTB CORPORATION

MATTHEW J.W. DOCKINS

P.E. LICENSE NUMBER 79350

201 N. FRANKLIN STREET, SUITE 1200

TAMPA, FLORIDA 33602

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

CR 887

COLLIER AND LEE

43510-1-22-01

435347-1-22-01

PREFERRED ALTERNATIVE

SHEET NO.

6

APPENDIX B

UTILITY AGENCY OWNER RESPONSES

Bonita Springs Utilities

Matt Dockins

From: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
Sent: Monday, May 18, 2020 1:24 PM
To: Matt Dockins
Subject: FW: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01
Attachments: image003.wmz; Data-Release-Form.pdf
Follow Up Flag: Flag for follow up
Flag Status: Completed

Matt,
Please complete form and send back to UAO. Thanks.....sa

STEVEN A. ANDREWS



*Florida Department of Transportation
Project Manager, Environmental Management
District One, MS-1-40
Office: 863-519-2270
Fax: 863-519-2892
steven.andrews@dot.state.fl.us*

From: Doug Kossert <DKossert@bsu.us>
Sent: Monday, May 18, 2020 1:17 PM
To: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
Subject: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

EXTERNAL SENDER: Use caution with links and attachments.

Steven,

Please fill out the attached data request form while I begin to work on your request.

Thanks,

Doug Kossert

GIS Specialist
Main: 239-390-4990
Cell: 239-671-6581



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Release of Data Authorization

Use of this form is limited to professionals planning and designing utility infrastructure projects.

Specific Data Requested Including Description of Area and its Intended Purpose:

Identify the type and location of any existing or proposed utilities you may have within the study area including;

Old US 41 south of Bonita Beach Rd

Bonita Beach Road between Industrial Rd and Pine Haven Way

Race Track Road between Enterprise Ave and Bonita Beach Rd

Greyound Track Property

Will be used to develop roadway concepts.

At the discretion of BSU management, the request may require BSU Board of Director's approval.

Format: Record Drawings (.pdf) ☒
GIS Digital Map (.pdf) ☒
Digital File(s) Export (.shp) ☒
other: Marked up basemaps that were provided ☒

**AFTER COMPLETING FORM,
E-MAIL FORM TO: GISMail@bsu.us**

Requested By: _____
(Signature)

printed name and title: Matt Dockins

Request Date: 5/18/20

Phone: 813-386-1460

Company: RK&K

e-mail: MDockins@rkk.com

Approved By: _____

(one signature required)

☐

John Jenkins, Executive Director

☐

Kim Hoskins P.E., Director of Engineering

☐

Andy Koebel P.E., Director of Operations

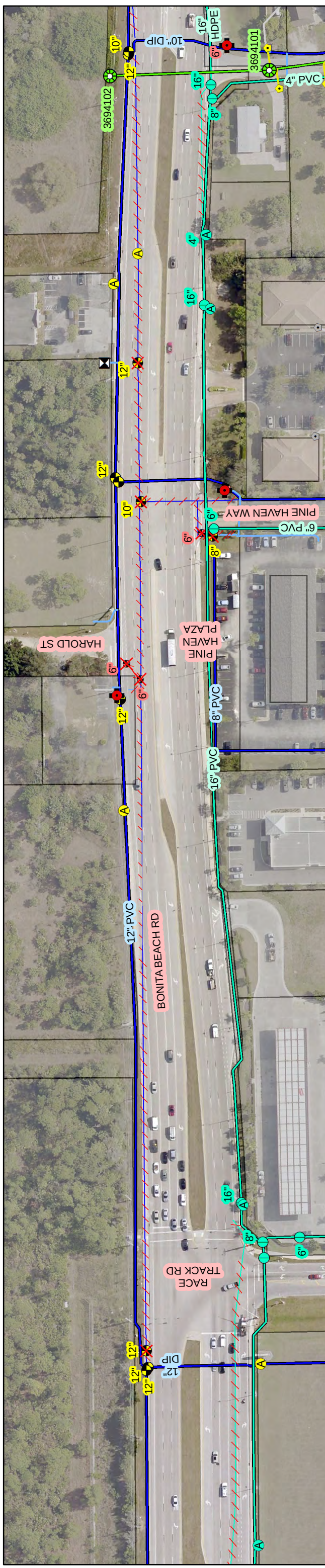
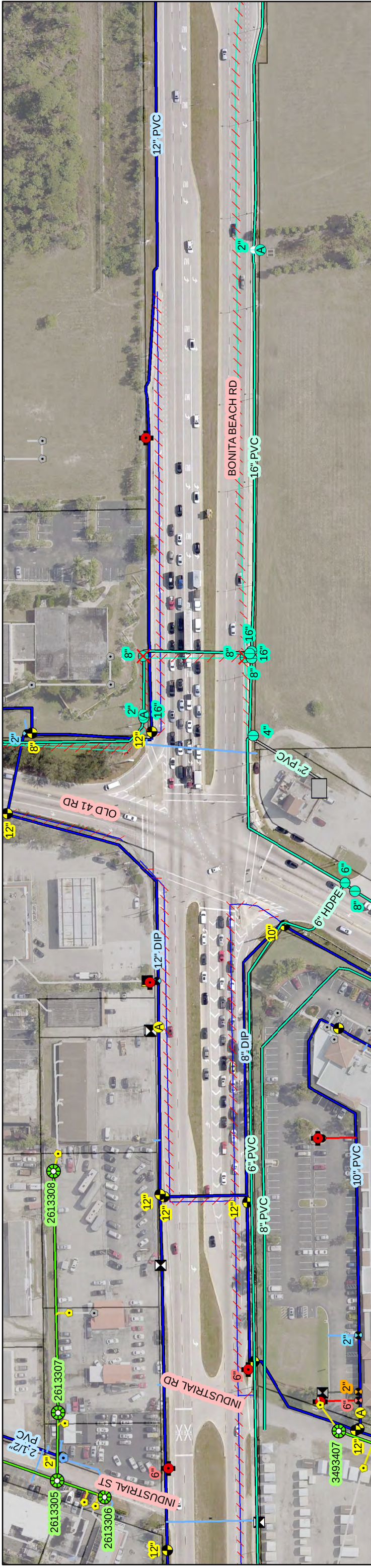
Date: _____

Released By: _____

Release Date: _____

Title: _____

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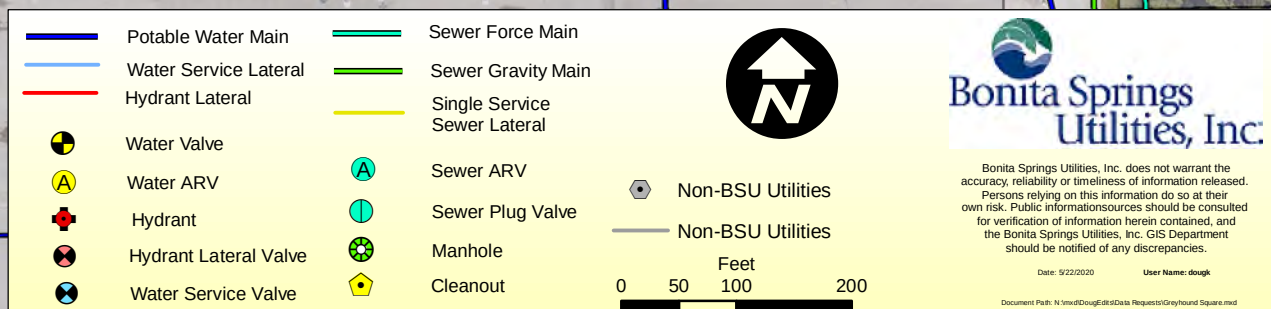


**This is an ongoing project.
Please contact Hole Montes
for more information**

Bonita Springs
Card Room

RACE TRACK RD

BONITA



	Potable Water Main		Sewer Force Main
	Water Service Lateral		Sewer Gravity Main
	Hydrant Lateral		Single Service Sewer Lateral
	Water Valve		Sewer ARV
	Water ARV		Sewer Plug Valve
	Hydrant		Manhole
	Hydrant Lateral Valve		Cleanout
	Water Service Valve		

Bonita Springs Utilities, Inc.

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Date: 9/20/2020 User Name: doug

Document Path: N:\msd\Doug\GIS\GISData\Requests\Greyhound Square.mxd





- Potable Water Main
- Water Service Lateral
- Hydrant Lateral
- Water Valve
- Water ARV
- Hydrant
- Hydrant Lateral Valve
- Water Service Valve

- Sewer Force Main
- Sewer Gravity Main
- Single Service Sewer Lateral
- Sewer ARV
- Sewer Plug Valve
- Manhole
- Cleanout

- Non-BSU Utilities
- Non-BSU Utilities



Feet
0 55 110 220

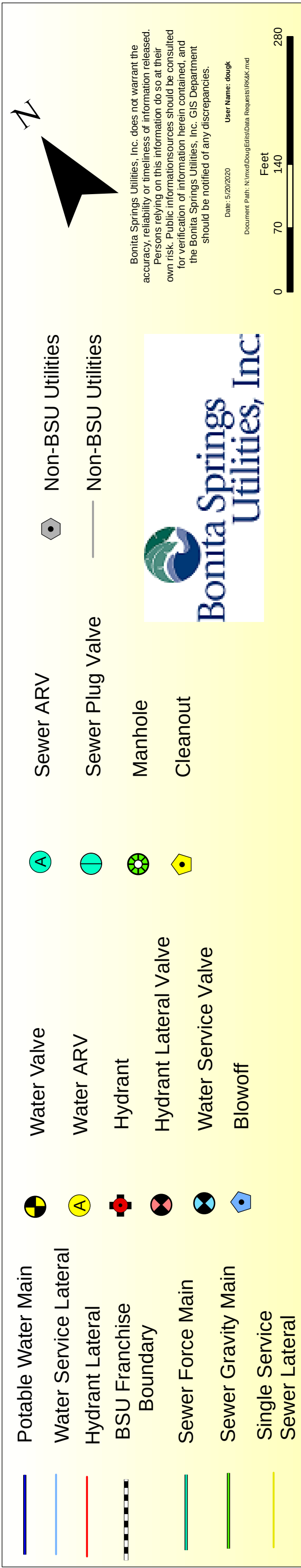


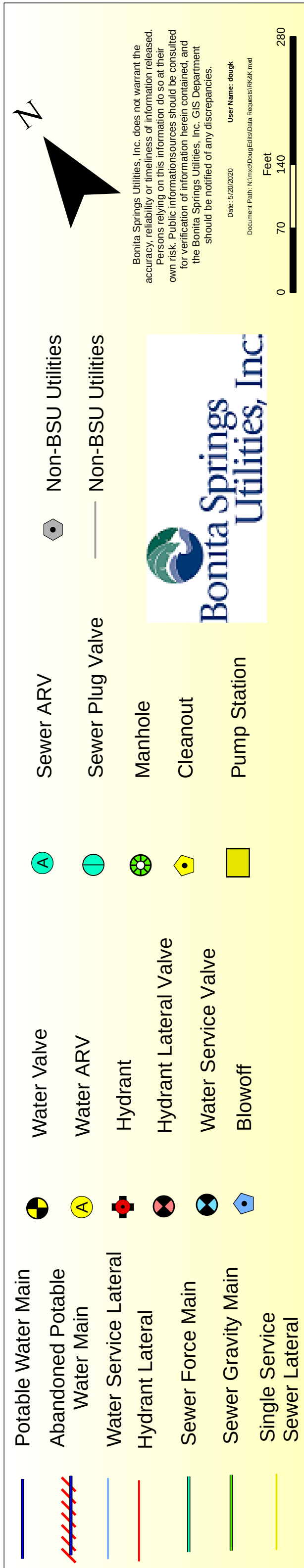
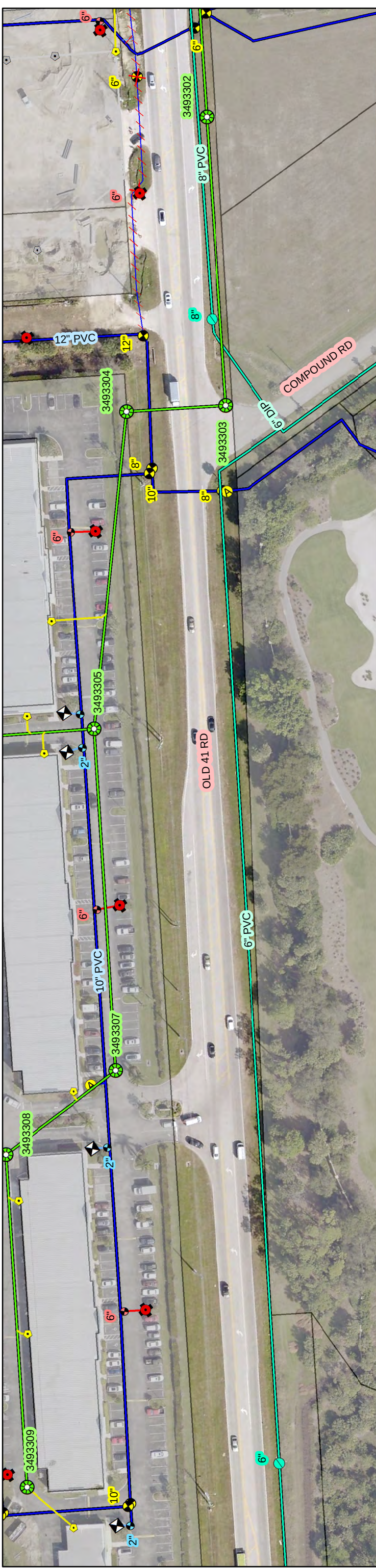
Bonita Springs Utilities, Inc. does not warrant the accuracy, reliability or timeliness of information released. Persons relying on this information do so at their own risk. Public information sources should be consulted for verification of information herein contained, and the Bonita Springs Utilities, Inc. GIS Department should be notified of any discrepancies.

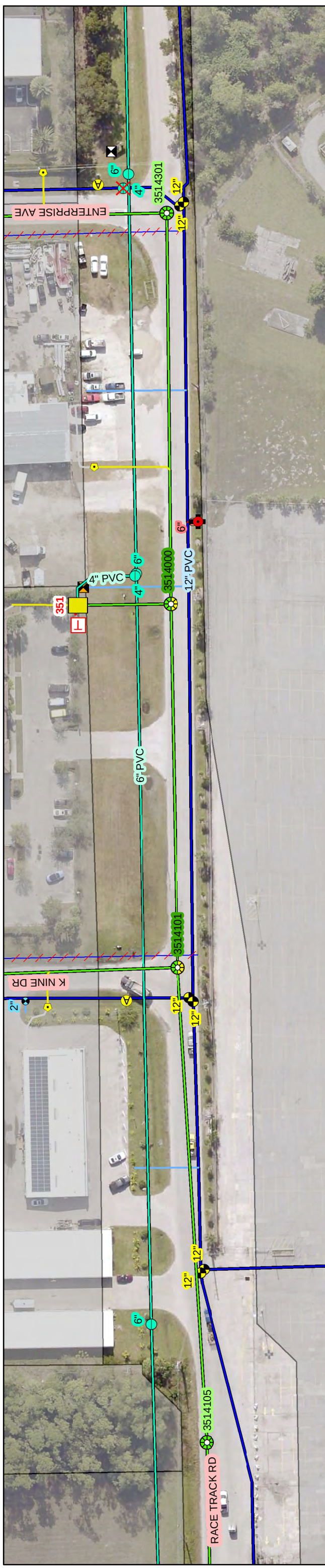
Date: 9/20/2020

User Name: dougk

Document Path: N:\msd\Doug\GIS\GISData\Requests\Grayhound Square.mxd







BONITA BEACH ROAD

TOWNSHIP 47 S - RANGE 25 E - SECTIONS 2 & 3

LEGEND:

WATER DISTRIBUTION SYSTEM

EXISTING WATER MAIN & PIPE SIZE
EXISTING FIRE HYDRANT
PROPOSED FIRE HYDRANT
PROPOSED WATER MAIN, VALVE & PIPE SIZE
PROPOSED IRRIGATION MAIN, VALVE & PIPE SIZE

SANITARY SEWER SYSTEM

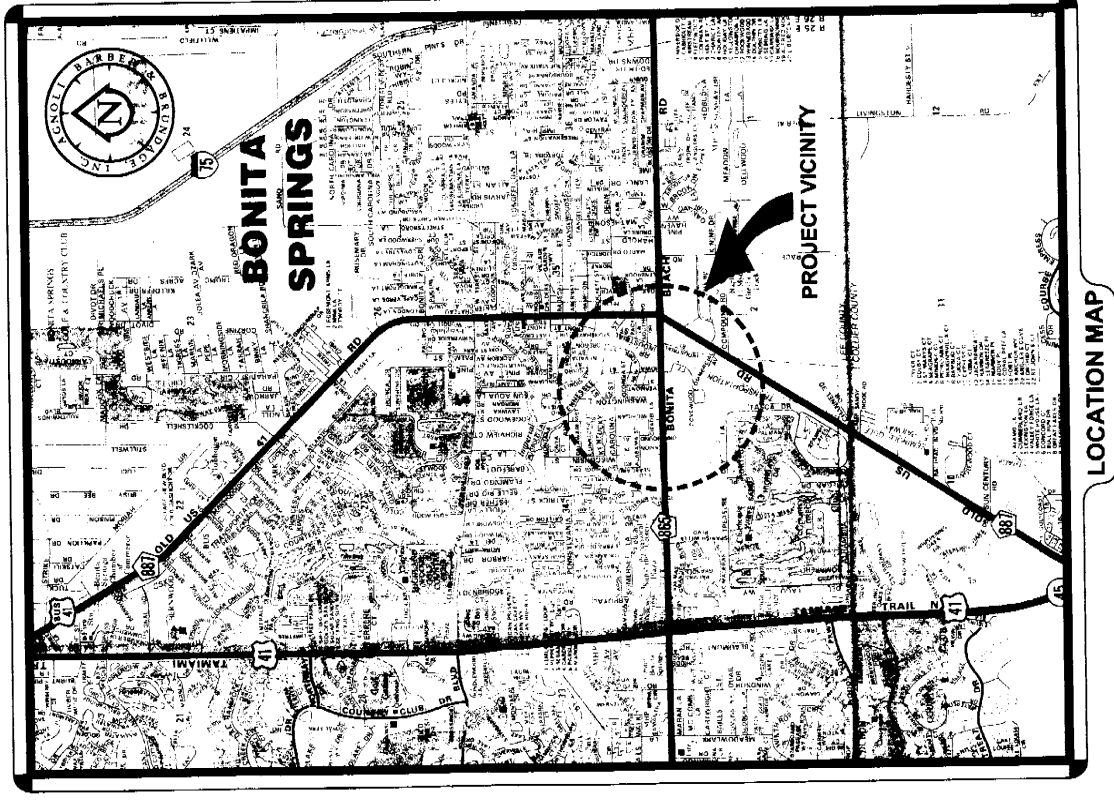
EXISTING SEWER MAIN & PIPE SIZE	EXISTING MANHOLE	PROPOSED SEWER MAIN, MANHOLE & PIPE SIZE	EXISTING SANITARY FORCE MAIN & PIPE SIZE	PROPOSED SANITARY FORCE MAIN & PIPE SIZE
8" SS		8" SS	4" FM	4" FM

STORM DRAINAGE SYSTEM

Legend:

- 15" RCP ---
- [Square] ---
- [Circle] ---
- 24" 15" RCP @ 0.2% ---
- 9.6
- (12.50)
- ~>

SHEET INDEX	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SITE PLAN/KEY MAP
3	PLAN/PROFILE (1)
4	PLAN/PROFILE (2)
5	PLAN/PROFILE (3)
6	CONSTRUCTION DETAILS

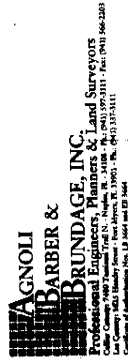


PREPARED FOR:

BONITA SPRINGS UTILITIES, INC.
BONITA SPRINGS, FLORIDA



PREPARED BY:



DATE: JANUARY, 1999

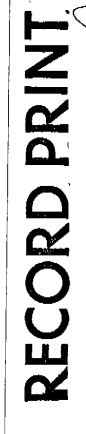
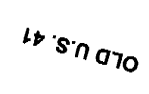
JUN 25 1999

PLAN STAGE: FINAL	SHEET 1 OF 6	DRAWING FILE NO.: 7049-0
ABB PROJECT NO.: 7831		
ACAD FILE NAME: 3800 7049		

RECORD PRINT

BSU project

APPROVED *for Sewer*
BONITA SPRINGS UTILITIES, INC.
LINE EXTENSION COMMITTEE
BY *6/16/99* DATE *7/1/99*



DESIGNED BY:	AAA	DATE:	02-22-88	PLAN STAGE:	FINAL	SHEET	5
CHECKED BY:	AAA	DATE:		ASB PROJECT No.:	7831	OF	6
REVIEWED BY:	FTB	DATE:		ASB FILE NAME:	7048BP01	DRAWING FILE No.:	7048
HORIZ. SCALE:		1" = 50'		PLOT NAME:		PLOTS	
VERT. SCALE:		1" = 2'					

BONITA SPRINGS UTILITIES

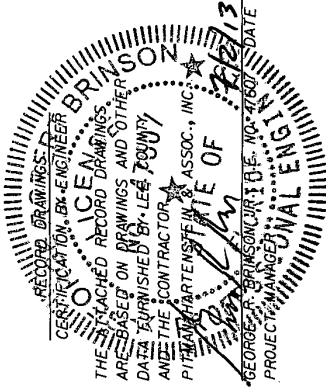
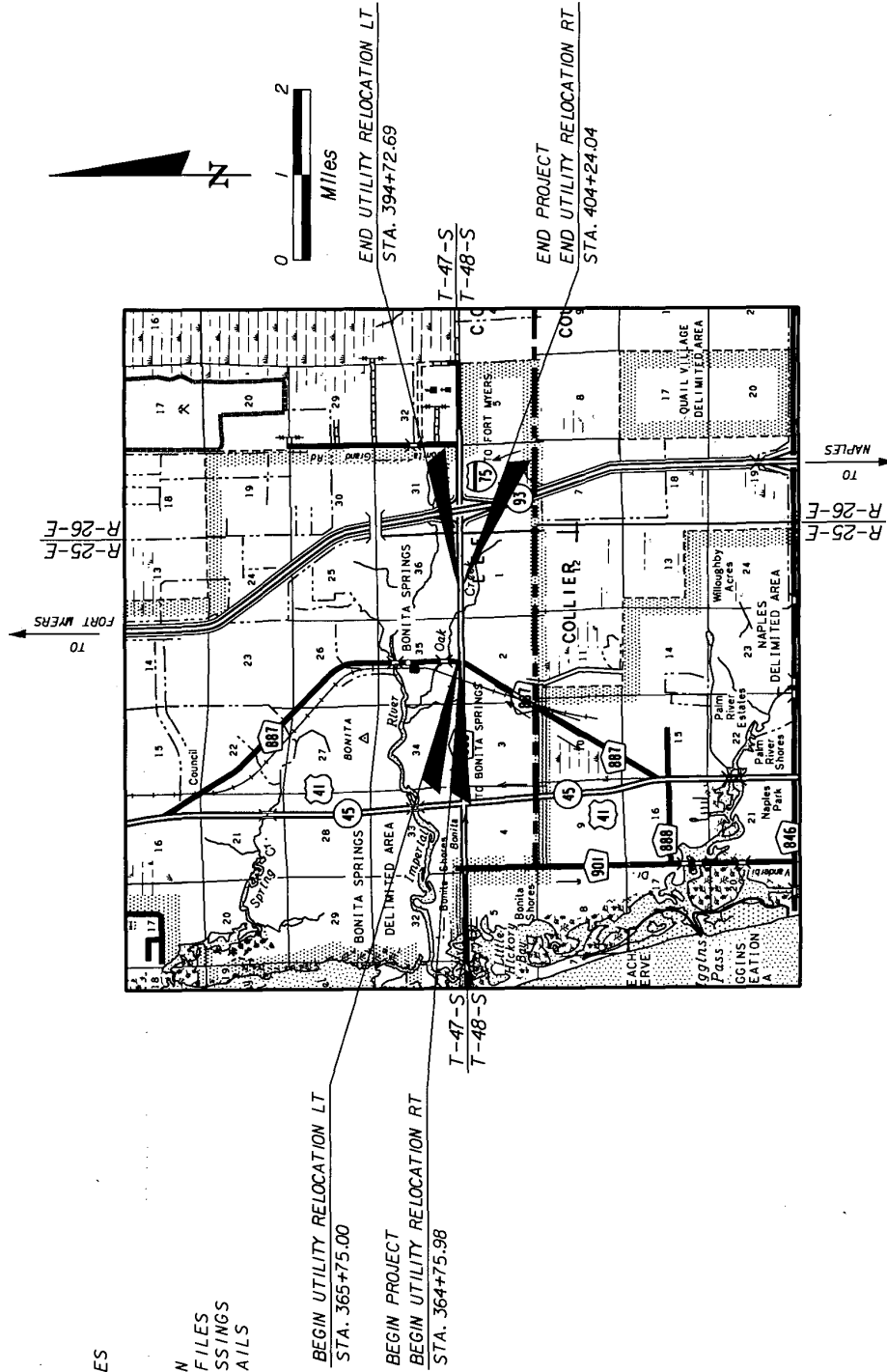
UTILITY RELOCATION PLANS

BONITA BEACH ROAD FROM OLD U.S. 41 TO LIME STREET

INDEX OF UTILITY RELOCATION PLANS

SHEET NO. SHEET DESCRIPTION

- U-1 KEY SHEET
- U-2 TABULATION OF QUANTITIES
- U-3 TYPICAL SECTION
- U-4 GENERAL NOTES
- U-5 PROJECT LAYOUT
- U-6 UTILITY RELOCATION PLAN
- U-7 UTILITY RELOCATION PROFILES
- U-8 UTILITY RELOCATION CROSSINGS
- U-9 UTILITY RELOCATION DETAILS
- U-10 THRU U-17
- U-18 THRU U-32
- U-33 THRU U-36
- U-37 THRU U-39

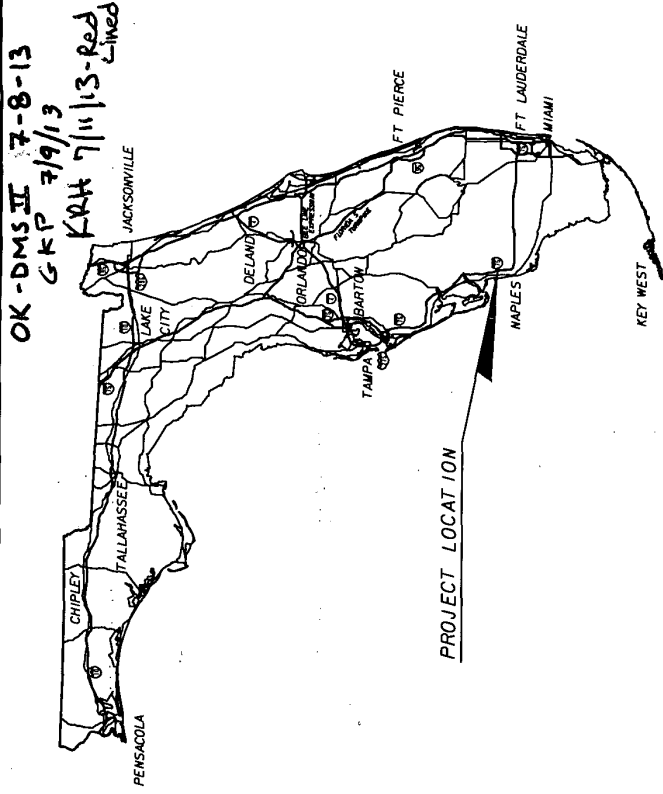


DATE	REVISIONS
7-18-11	ADDED RIGHT TURN LANE IMPROVEMENTS. U-2, 11-13, 19-21

UTILITY RELOCATION PLANS
ENGINEER OF RECORD: GEORGE R. BRINSON JR., P.E.

P.E. NO. 47607

FISCAL YEAR	SHEET NO.
11	U-1



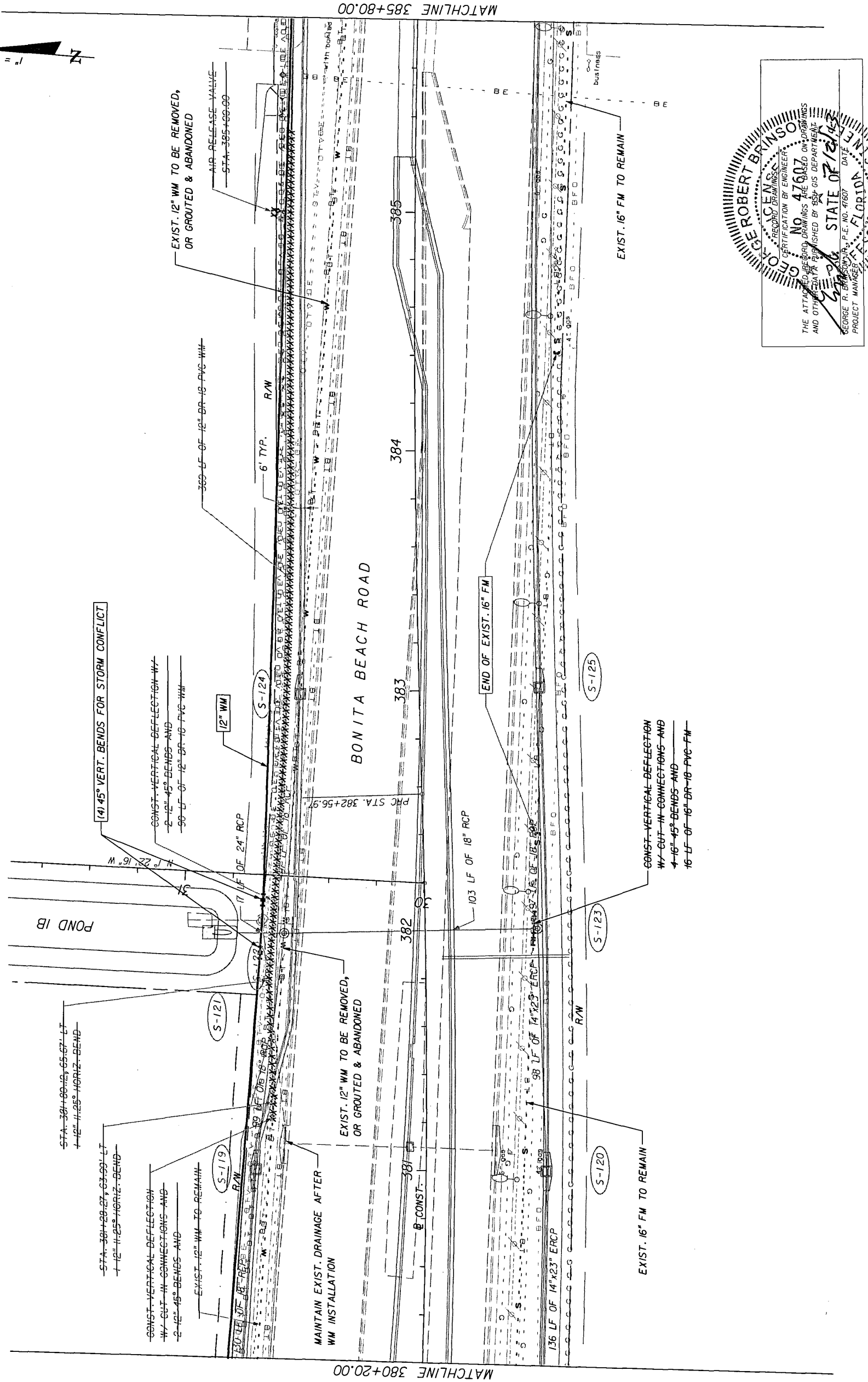
PLANS PREPARED BY:



12701 World Plaza Lane, Bldg. 80
Fort Myers, FL 33907
Certificate of Authorization No. 4464
Vendor No. F-59-269-555-3
Contract No. 1

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

6/24/2013 7:24:17 AM P:\2004\2004\06\01\115\4861\115\4861.dgn



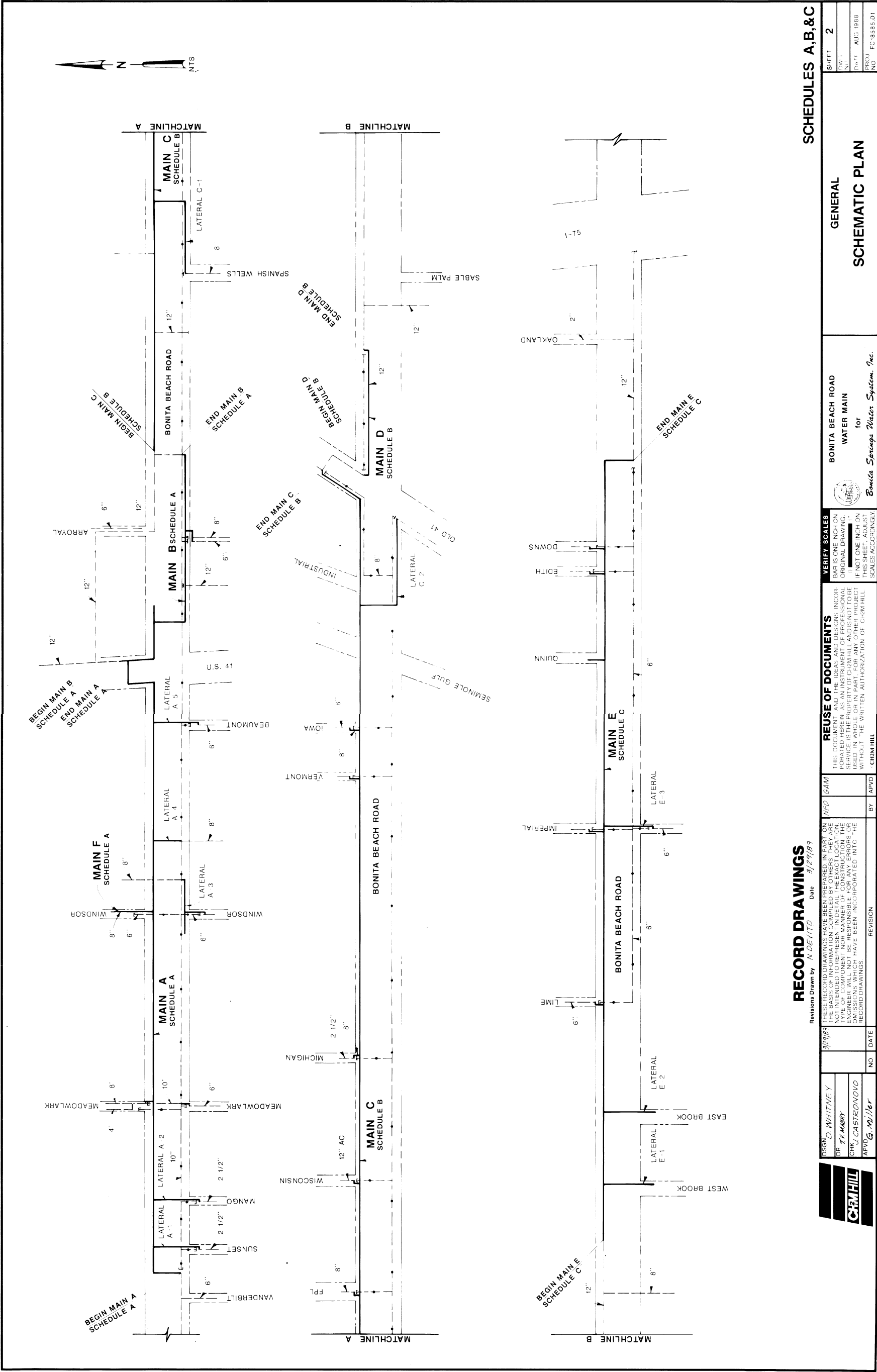
PROFESSIONAL ENGINEER
NO. 47607
STATE OF FLORIDA
DATE 07/21/13
PROJECT MANAGER
GEORGE R. BRINSON, P.E., NO. 47607

THE ATTACHED RECORD DRAWINGS ARE BASED ON SURVEYING AND OTHER DATA FURNISHED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION.

DATE		DESCRIPTION		DATE		BY		REVISIONS		DESCRIPTION	
7-18-11	BY	7-18-11	ADDED RIGHT TURN LANE IMPROVEMENTS.								

BONITA SPRINGS UTILITIES		COUNTY PROJ. NO.		COUNTY		PH&A PROJECT NO.	
LEE		21004.200		LEE		21004.200	

12701 World Plaza Lane Bldg. 10 Fort Myers, FL 33907 (239) 936-6466 ENGINEERS JACKSONVILLE • FORT MYERS • TAMPA Certificate of Authorization No. 4464 George R. Brinson Jr., P.E. #47607		UTILITY RELOCATION PLAN		SHEET NO.		U-13	
---	--	-------------------------	--	-----------	--	------	--



OVERALL IDENTIFICATION

PROJ. NO. 18585.D1

CONTRACT

SHEET 2

DESIGN

D. WHITNEY

OR

T. HARRY

CHK

J. CASTEONOV

APVD

G. Miller

DATE

3/27/89

NO.

REVISION

BY

APVD

GAM

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VERIFY SCALES

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GENERAL

BONITA BEACH ROAD WATER MAIN for

Bucka Springs Water System, Inc.

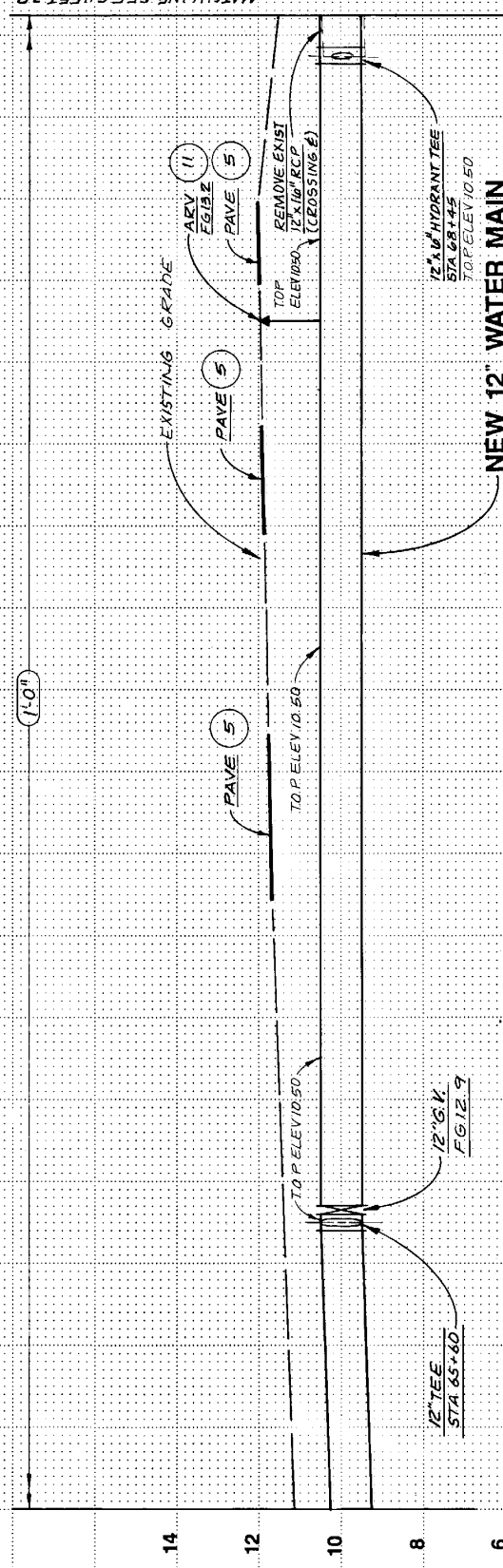
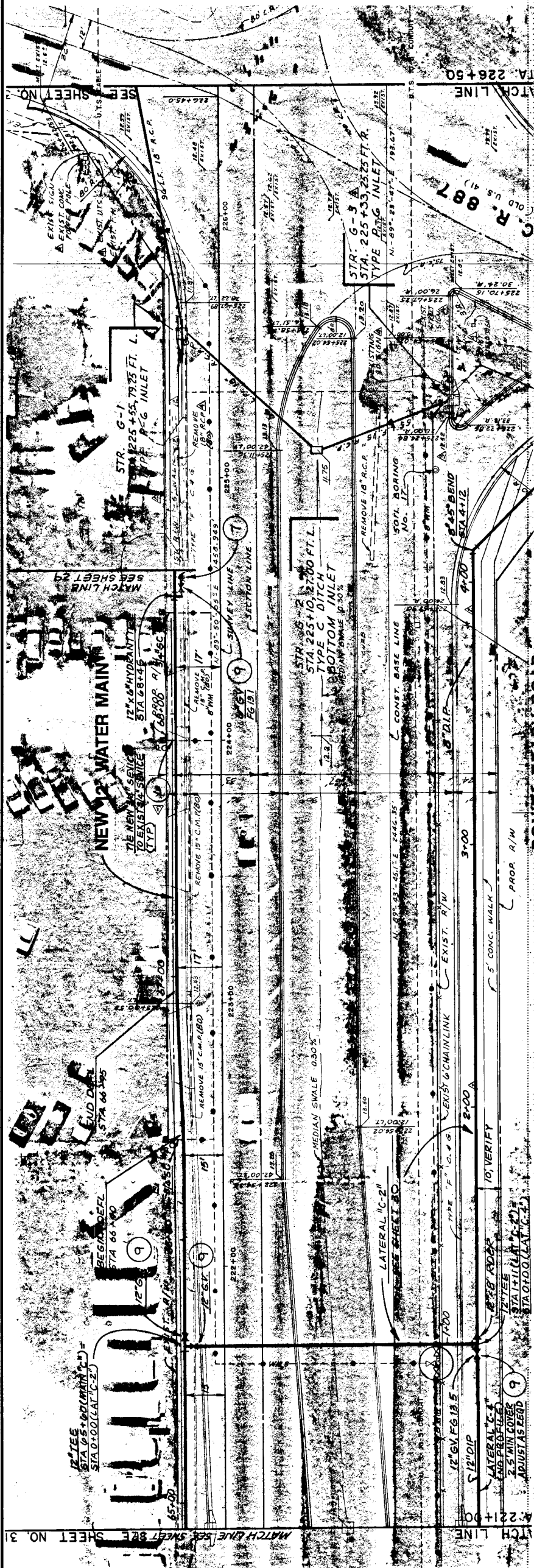
SCHEDULES A, B, & C

SCHEMATIC PLAN

RECORD DRAWINGS

Revisions Drawn by N. DEVITO Date 3/27/89

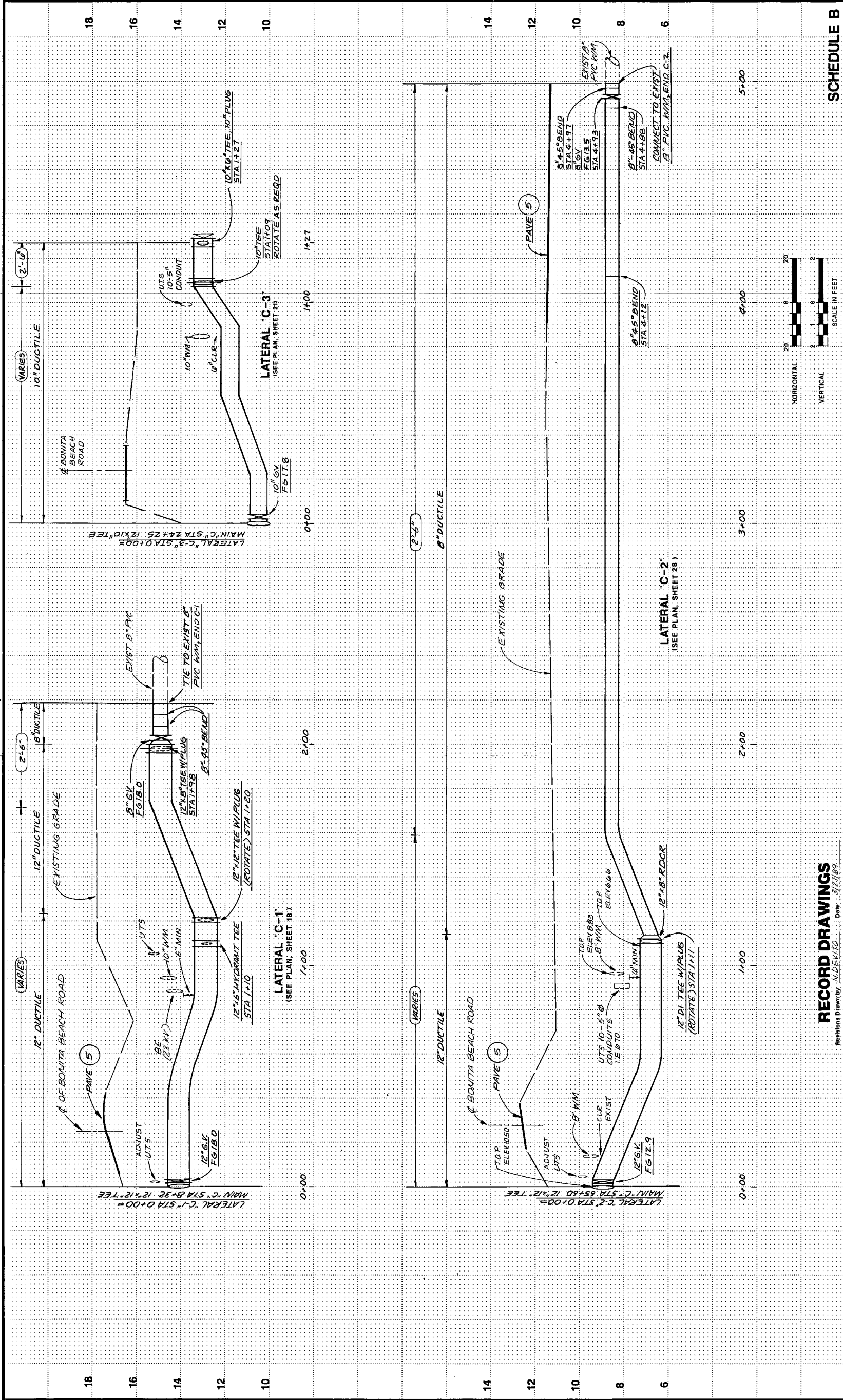
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RECORD DRAWINGS

SCHEDULE B

DESIGN: D. WHITNEY		DATE: 3/27/89		BY: APVD		REVISION		NO. DATE	
OR: D. POWELL		DATE: 3/27/89		BY: APVD		REVISION		NO. DATE	
CHK: J. CASTRONOVO		DATE: 3/27/89		BY: APVD		REVISION		NO. DATE	
APVD: G. Miller		DATE: 3/27/89		BY: APVD		REVISION		NO. DATE	
C&M HILL		DATE: 3/27/89		BY: APVD		REVISION		NO. DATE	
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BONITA BEACH ROAD		WATER MAIN		for		STA 64+90 to 68+55		SHEET	
C&M HILL		BONITA SPRINGS WATER SYSTEM, INC.		DATE: AUG 1989		PROJ. NO. FC18-201		28	



RECORD DRAWINGS

Revisions Drawn by: N. DEWITT Date: 3/27/89

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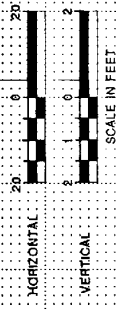
VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NO ONE INCH ON SCALES ACCORDINGLY.

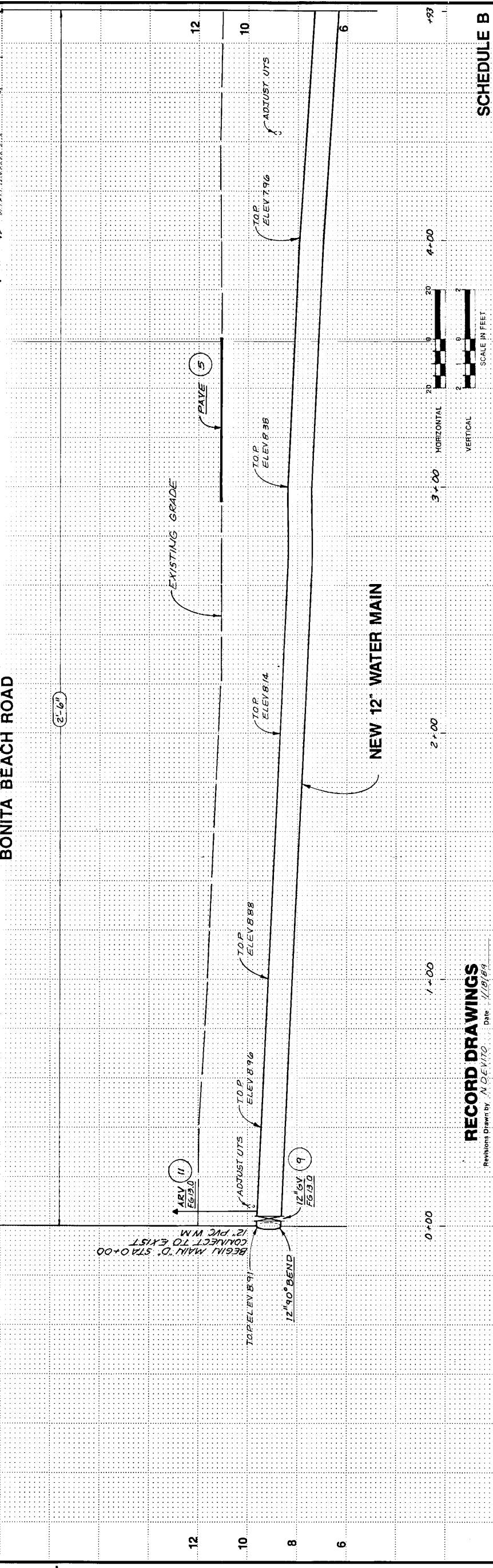
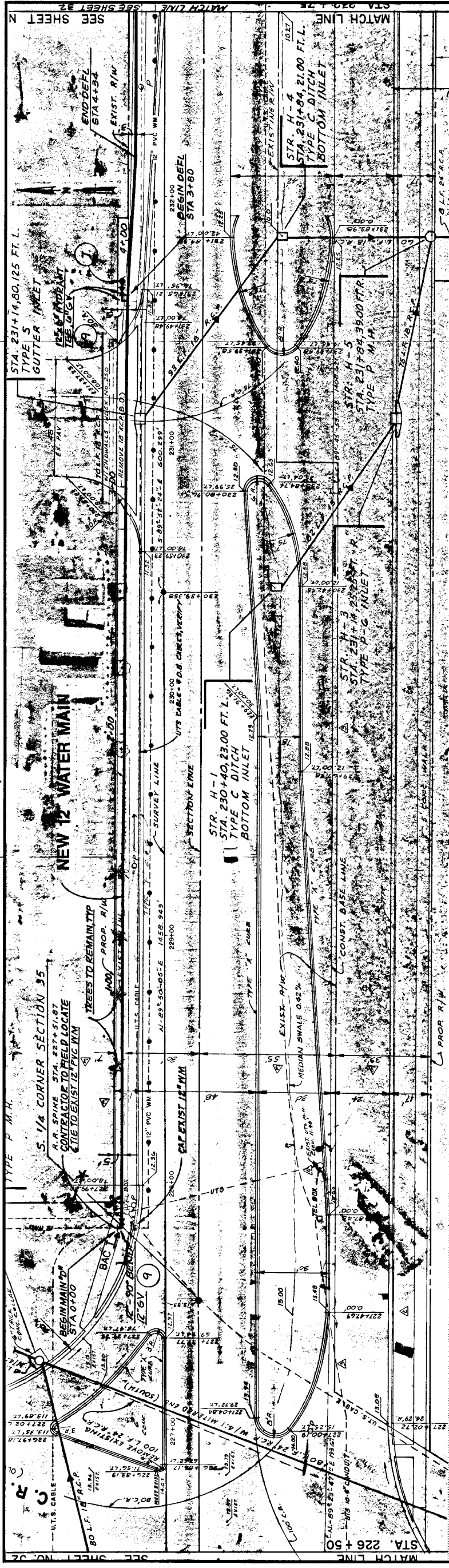
BONITA BEACH ROAD
WATER MAIN
for
Bonita Springs Water System, Inc.

PROFILE
LATERALS "C-1" THRU "C-3"

SHEET 30
DATE AUG 1988
PROJ FC18585.DWG

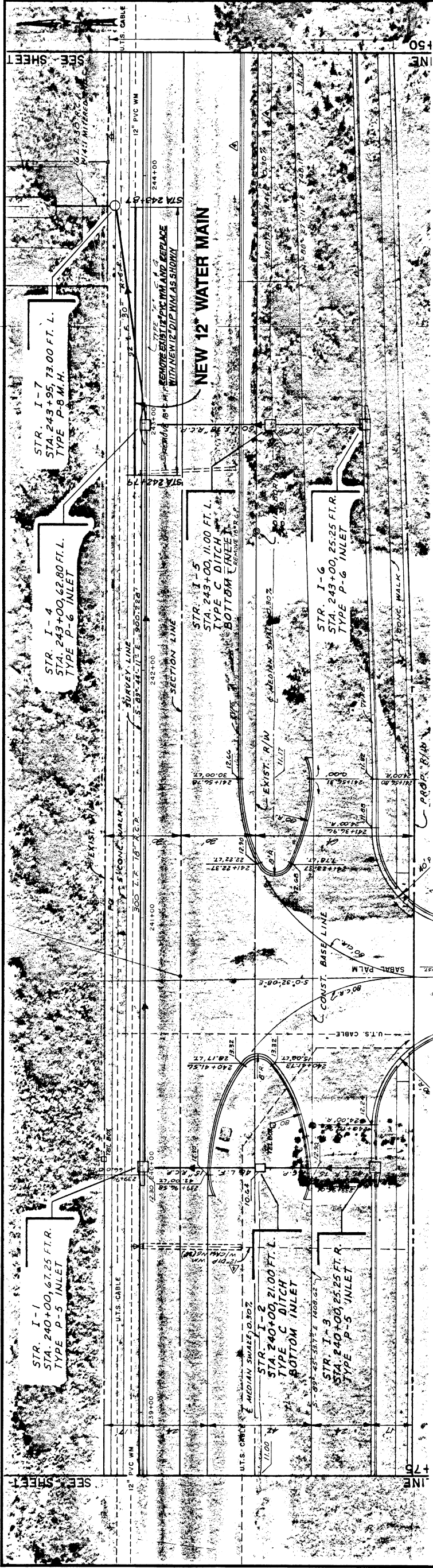
SCHEDULE B



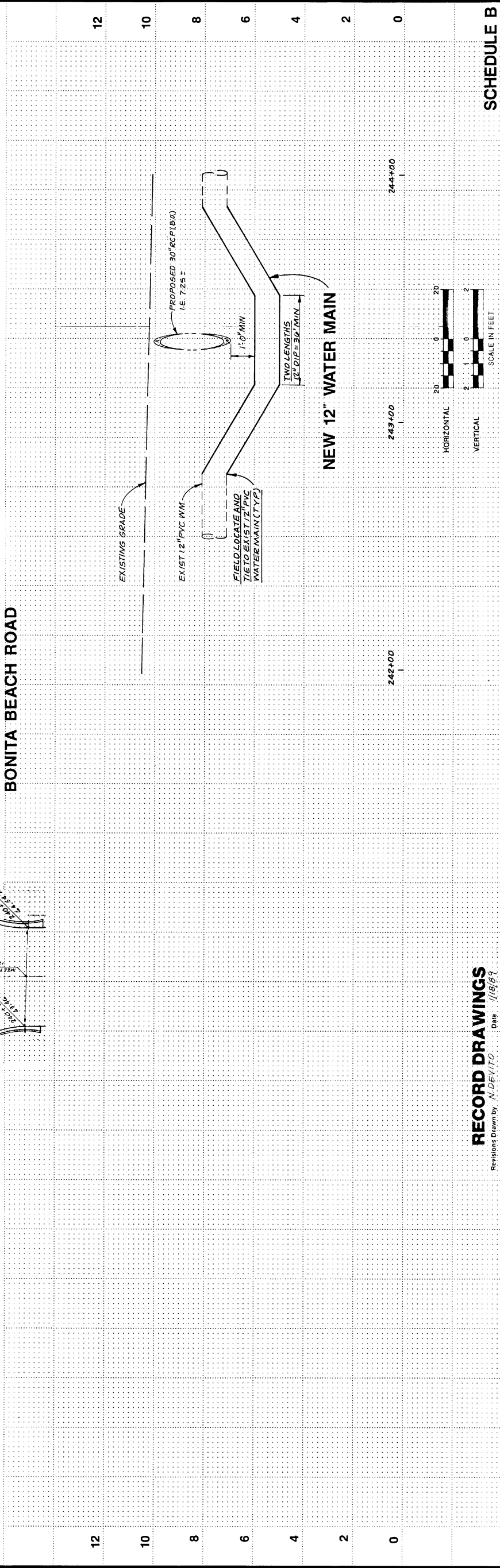
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DATE	AUG 1988
PROJ NO.	FC18585.D1

SCANNED



BONITA BEACH ROAD



RECORD DRAWINGS

Revisions Drawn by N. DEVITO Date 1/18/89

NO.	DATE	REVISION
1	1/18/89	THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION OF ANY STRUCTURE OR UTILITY. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.

DESIGN: D. WHITNEY
DR: N. DEVITO
CHK: G. MILLER
APVD:

PROJ. NO. 32A
CONTRACT NO. 5
DATE: FEB 1989
REG. NO. FC1896(B)

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BY: APVD

VERTICAL SCALES
VERTICAL SCALE: 1" = 10' (NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY)

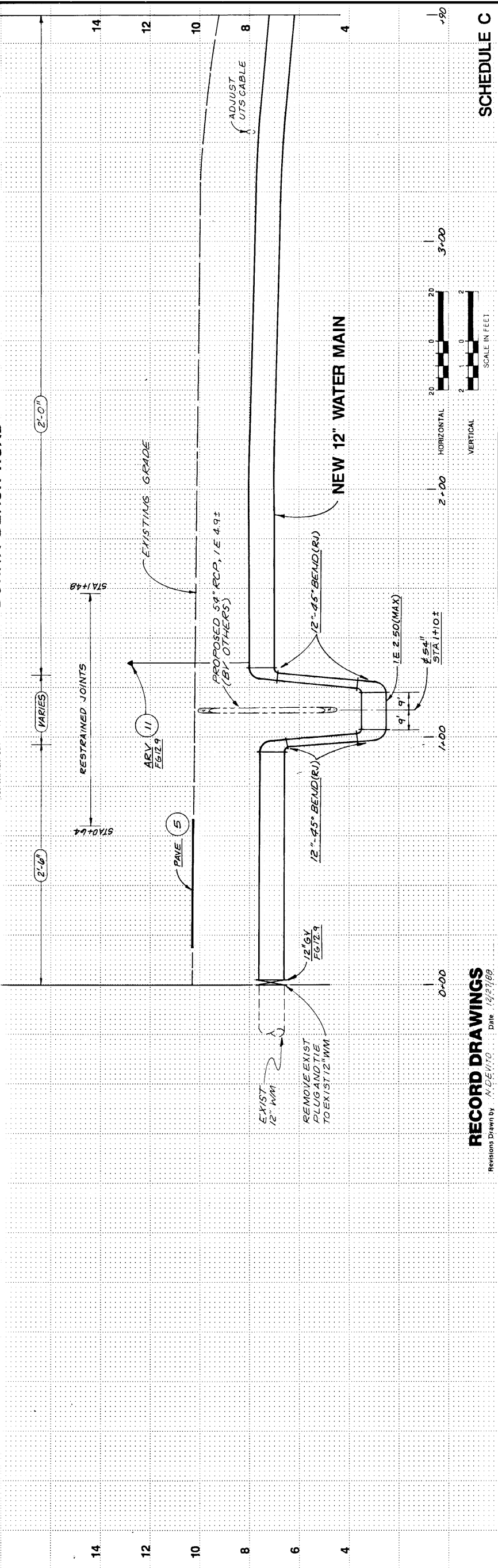
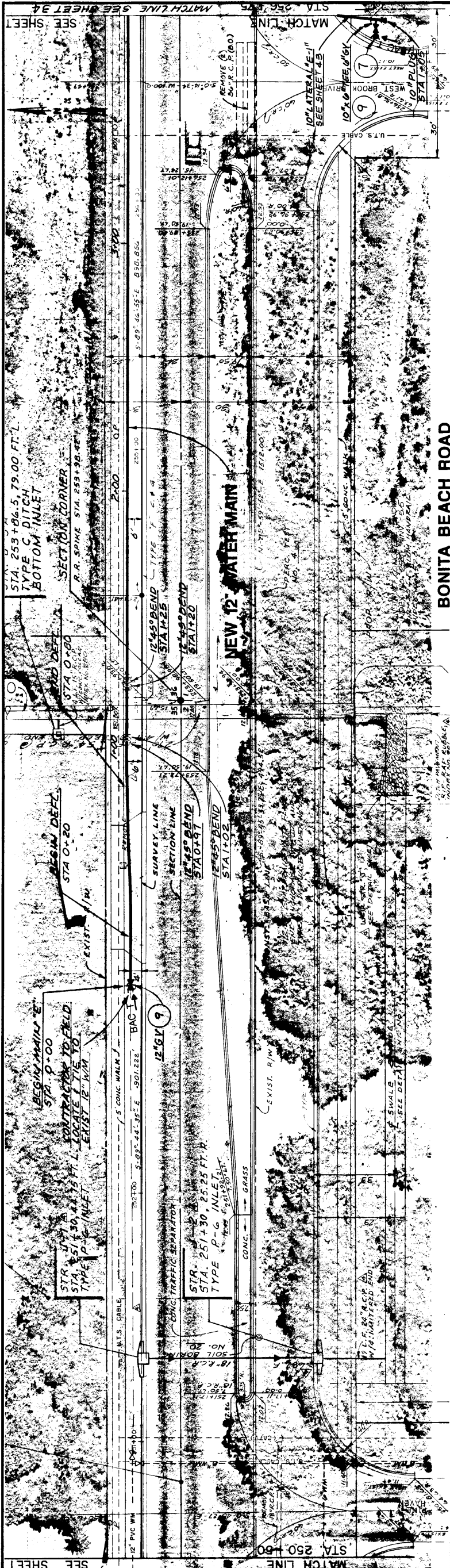
HORIZONTAL SCALES
HORIZONTAL SCALE: 1" = 20' (NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY)

PLAN AND PROFILE
BONITA BEACH ROAD
WATER MAIN
for
Bonita Springs Water System, Inc.

CONTRACT MODIFICATION No. 5
STA 242+79 to STA 243+87(ROAD)

SHEET 32A

SCHEDULE B



DESIGN D. WHITNEY

DR D. POWELL

CHK J. CASTRONOVO

APVD G. M. 11/11

12/27/88

NO.

DATE

REVISION

RECORD DRAWINGS

Revisions Drawn by: M. DEWITT Date: 12/27/88

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APVD G. M. 11/11

BY APVD

CHRM HILL

WITHOUT THE WRITTEN AUTHORIZATION OF CHRM HILL

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PLAN AND PROFILE

MAIN "E"

STA 0+00 TO STA 3+90

BONITA BEACH ROAD

WATER MAIN

for

Bonita Springs Water System, Inc.

SHEET 33

DATE AUG 1988

PROJ. NO. FC8589.DT

SCANNED

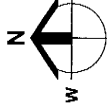
BONITA BEACH ROAD

COUNTY ROAD 887
(OLD U.S. 41)

DRY DETENTION
0.19 AC.

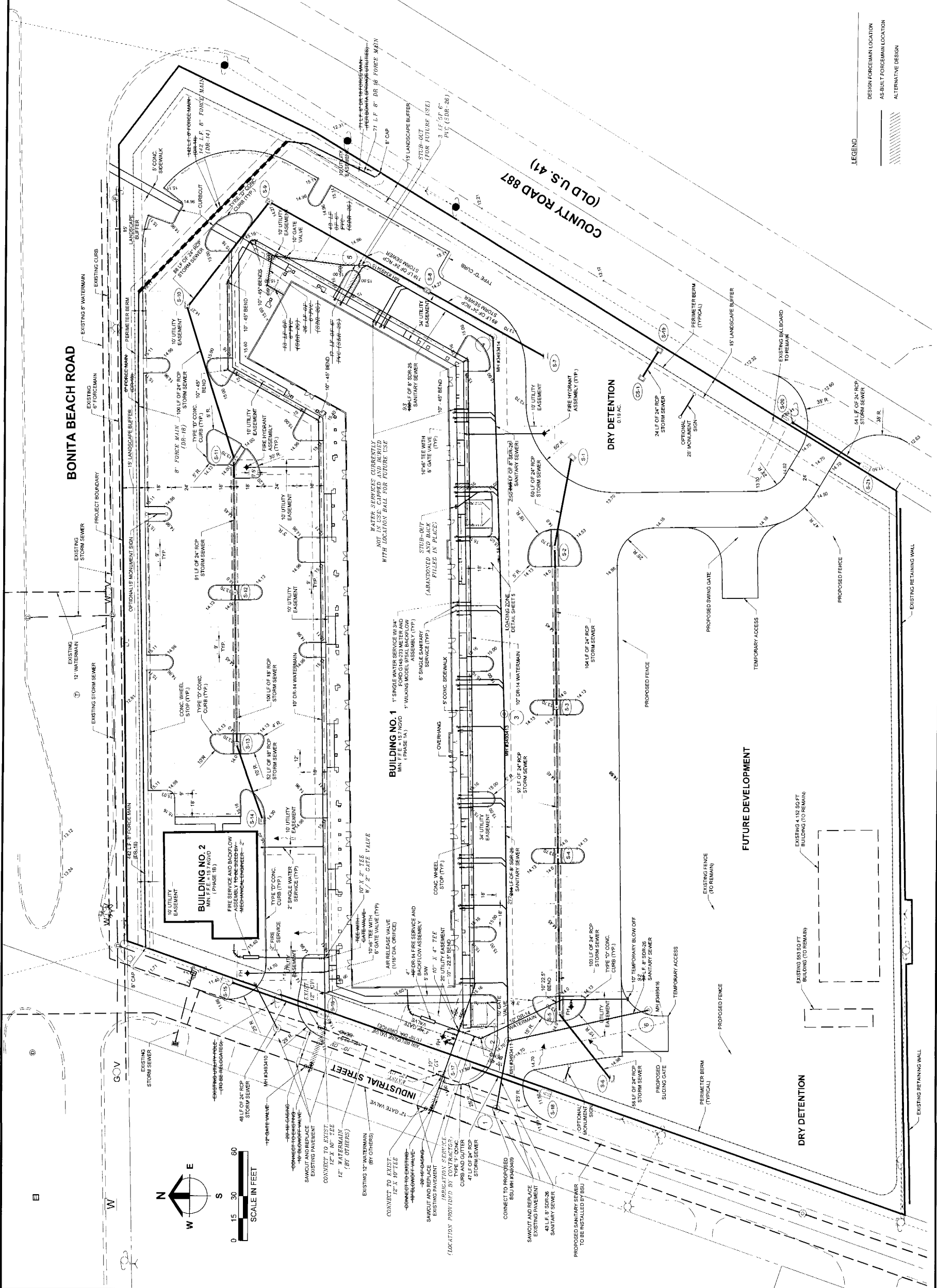
FUTURE DEVELOPMENT

DRY DETENTION



SCALE IN FEET
0 15 30 60

LEGEND
DESIGN FORCE MAIN LOCATION
AS BUILT FORCE MAIN LOCATION
ALTERNATIVE DESIGN



6/3/05
None ok -
Note changes
Tack Miller

PHOENIX
PLANNING & ENGINEERING, INC.
1785 Trade Center Way • Suite 2 • Naples, Florida 34109
Certification of Authorization #EB-0007607
PH (239) 596-9199 • Fax (239) 596-2637

DATE S. MOORE, P.E.
P.E. #00244

Kevin H. McVicker, P.E.
P.E. #01456
25 May 05

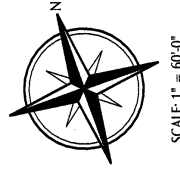
CONSTITUTION CENTER
OLD U.S. 41 • BONITA SPRINGS, FLORIDA 34135
LEE COUNTY

UTILITIES PLAN

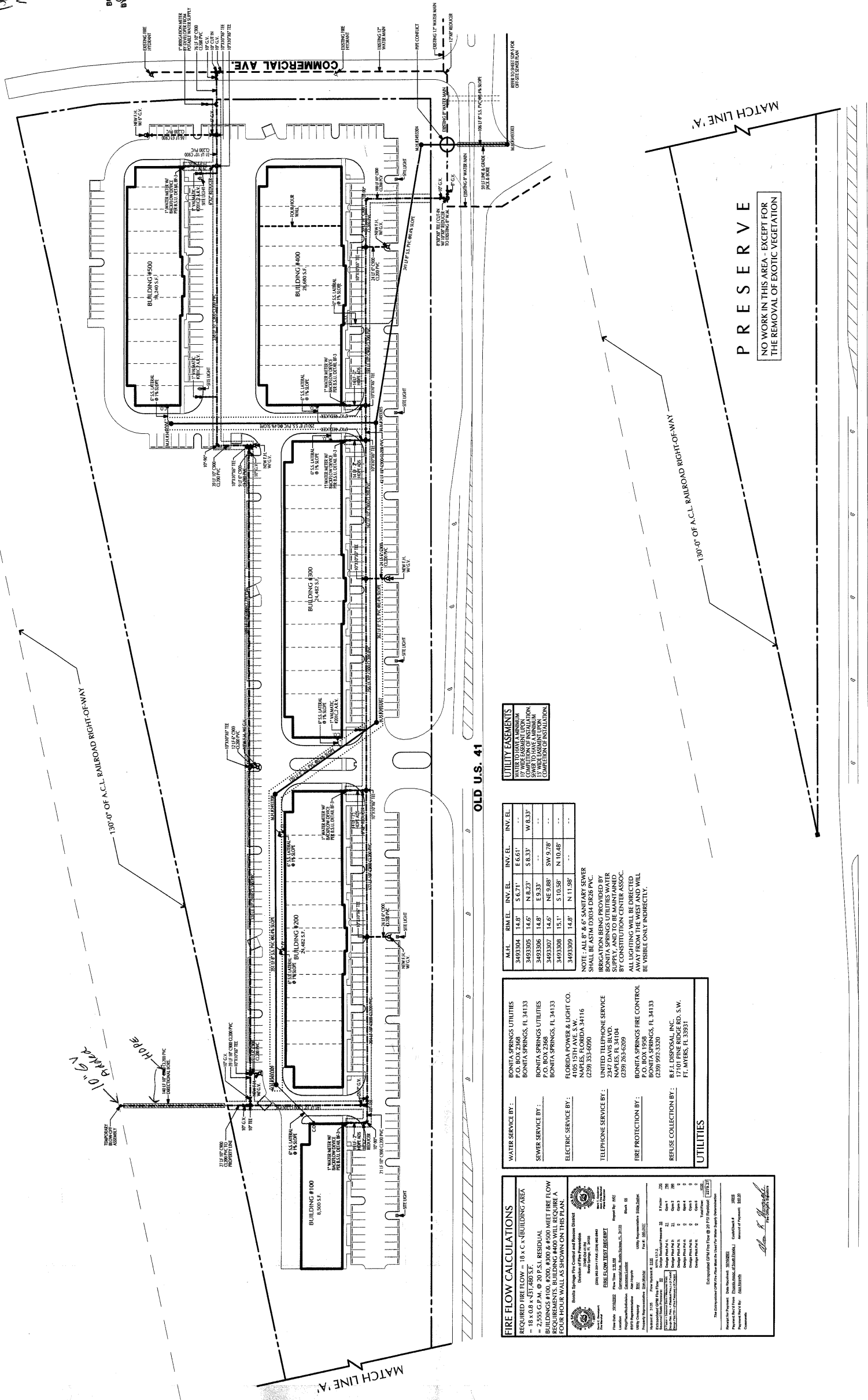
Revisions	
No.	Date
1	10-1-2003
2	4-28-2004
3	5-3-2004
4	7-30-2004
5	1-22-2004
Date: 11-22-2002	
Job No: CHRIS	
Drawn By: CHRIS	
D.O.S. #2002-00257	
Permit #:	

SHEET
SDP-4

5 OF 22



SCALE: 1" = 60'-0"



UTILITY EASEMENTS			
WATER	TO HAVE A MINIMUM COMPLETION OF INSTALLATION		
SEWER	TO HAVE A MINIMUM COMPLETION OF INSTALLATION		
TELEPHONE	TO HAVE A MINIMUM COMPLETION OF INSTALLATION		

M.H.	RIM E.L.	INV. E.L.	INV. E.L.
3493304	14.8'	5.671'	E 6.61'
3493305	14.6'	N 8.23'	S 8.33'
3493306	14.6'	E 9.33'	--
3493307	14.6'	NE 9.88'	SW 9.78'
3493308	15.1'	S 10.58'	N 10.48'
3493309	14.8'	N 11.98'	--

NOTE: ALL 8" & 6" SANITARY SEWER SHALL BE ASTM D3034 DR28 PVC. IRRIGATION BEING PROVIDED BY BONITA SPRINGS UTILITIES. WATER MAINS SHALL BE 12" DUCTILE IRON PIPE BY CONSTITUTION CENTER ASSOC. ALL LIGHTING WILL BE DIRECTED AWAY FROM THE WEST AND WILL BE VISIBLE ONLY INDIRECTLY.

WATER SERVICE BY: BONITA SPRINGS UTILITIES
P.O. BOX 2348
BONITA SPRINGS, FL 34133

SEWER SERVICE BY: BONITA SPRINGS UTILITIES
P.O. BOX 2348
BONITA SPRINGS, FL 34133

ELECTRIC SERVICE BY: FLORIDA POWER & LIGHT CO.
4105 15TH AVE. S.W.
NAPLES, FLORIDA 34116
(239) 353-6090

TELEPHONE SERVICE BY: UNITED TELEPHONE SERVICE
2347 DAVIS BLVD.
NAPLES, FL 34104
(239) 452-5205

FIRE PROTECTION BY: BONITA SPRINGS FIRE CONTROL
17101 FINE RIDGE RD. S.W.
BONITA SPRINGS, FL 34133
(239) 992-3320

REFUSE COLLECTION BY: B.E.I. DISPOSAL, INC.
17101 FINE RIDGE RD. S.W.
FT. MYERS, FL 33931

UTILITIES

FIRE FLOW CALCULATIONS

REQUIRED FIRE FLOW = 18.0 C.BUILDING AREA = 2,555 G.P.M. @ 90 P.S.I. RESIDUAL

BUILDINGS #100, #300, #400 & #500 MEET FIRE FLOW REQUIREMENTS. BUILDING #400 WILL REQUIRE A FOUR HOUR WALL AS SHOWN ON THIS PLAN.

Florida Fire Marshal's Office
Division of Fire Prevention
Bureau of Fire Investigation
Fire Flow Test Report
Report No. 405
Date: 05/25/05
Project: 05/25/05
Location: Constitution Center, Naples, FL 34104
Utility Company: Bonita Springs Utilities
Fire Flow Test Results:
Flow Rate: 18.0 G.P.M.
Pressure: 90 P.S.I.
Residual: 2.555 G.P.M.
Fire Flow Test Results:
Flow Rate: 18.0 G.P.M.
Pressure: 90 P.S.I.
Residual: 2.555 G.P.M.

Date S. Mosher, P.E.
P.E. #20244

PHOENIX
PLANNING & ENGINEERING, INC.
1786 Trade Center Way • Suite 2 • Naples, Florida 34109
Ph (239) 596-8199 • Fax (239) 596-2637
Certificate of Authorization #EB-0007607

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Kevin H. McVicker, P.E.
P.E. #51436
25 May 02

CONSTITUTION CENTER
OLD U.S. 41 • BONITA SPRINGS, FLORIDA 34135
LEE COUNTY

OFF-SITE SEWER PLAN

Revisions	
No:	Date:
1	4-16-2004
2	4-28-2004
3	7-24-2004
4	12-19-2003
5	11-20-2003
6	11-20-2003
Job No:	
Drawn By: CHRIS	
D.O.S. #2002-00257	
Permit #:	

SHEET
SDP-5
6 OF 22



SCALE: 1" = 60'-0"

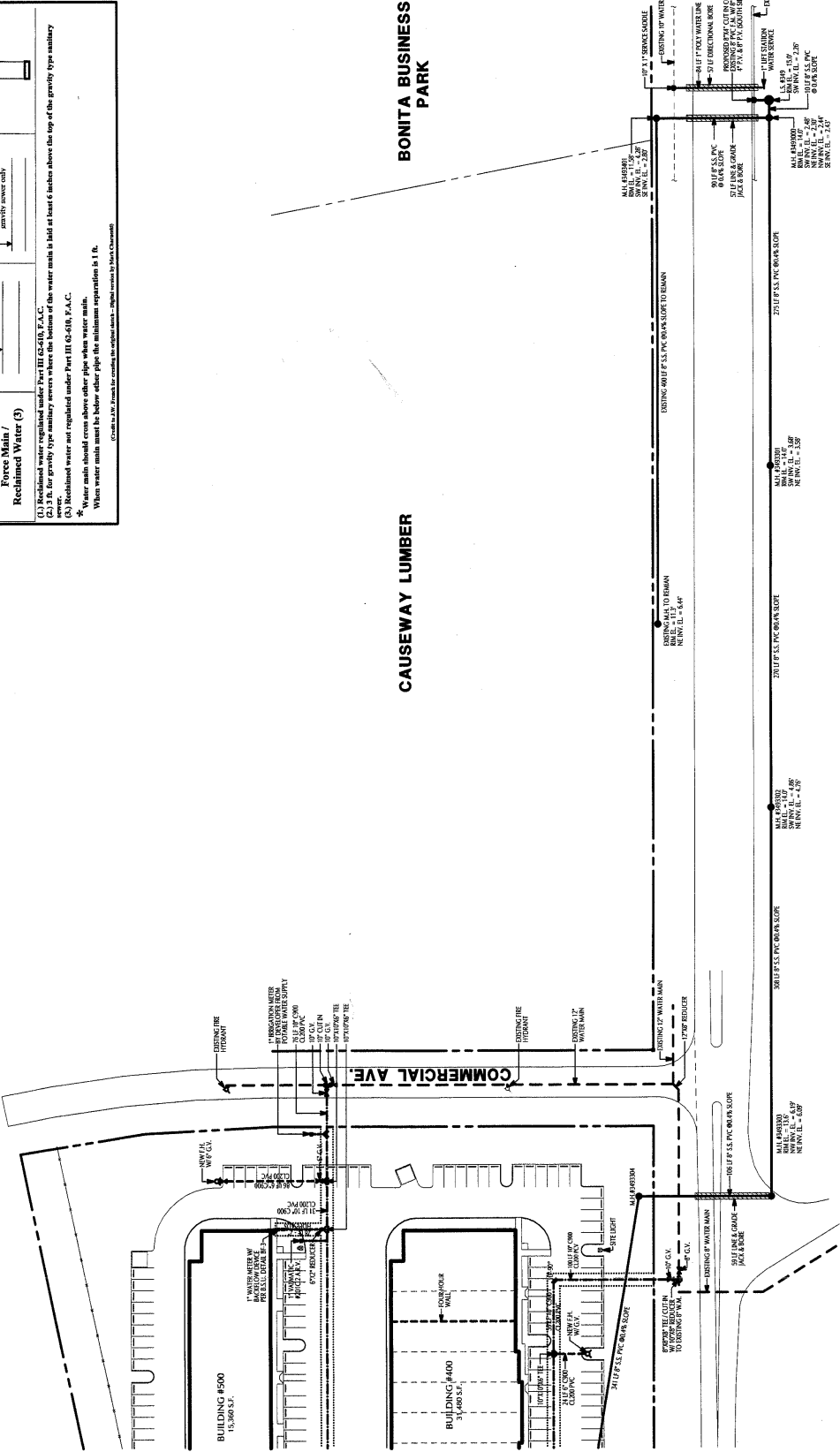
LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314			
Other Pipe	Horizontal Separation	* Crossings	Joint Spacing @ Crossings (if separated by a manhole)
Storm Sewer	Water Main 3 ft. minimum	Water Main 12 inches preferred 6 inches minimum storm sewer only	Alternate 3 ft. minimum Water Main
Stormwater Force Main	Water Main 3 ft. minimum	Water Main 12 inches preferred 6 inches minimum storm sewer only	Alternate 3 ft. minimum Water Main
Reclaimed Water (1)	Water Main 3 ft. minimum	Water Main 12 inches preferred 6 inches minimum storm sewer only	Alternate 3 ft. minimum Water Main
Vacuum Type Sanitary Sewer	Water Main 3 ft. minimum	Water Main 12 inches preferred 6 inches minimum storm sewer only	Alternate 3 ft. minimum Water Main
Gravity or Pressure Sanitary Sewer (2) / Force Main / Reclaimed Water (3)	Water Main 3 ft. minimum	Water Main 12 inches preferred 6 inches minimum storm sewer only	Alternate 3 ft. minimum Water Main

(1) Reclaimed water regulated under Part III 62-603, F.A.C.
(2) Reclaimed water not regulated under Part III 62-603, F.A.C.
(3) 3 ft. for gravity type sanitary sewers where the bottom of the water main is held at least 6 inches above the top of the gravity type sanitary sewer.

* Water main should cross above other pipe when water main.

Water main must be below other pipe (6" minimum separation is 1 ft.

Consult the City Engineer for additional information - subject to the City Engineer's approval.



RELOCATED MANHOLE #3493303
RELOCATED MANHOLE #3493304

Duke S. Mohr, P.E.
P.E. #30244

Duke S. Mohr, P.E.

1786 Trade Center Way • Suite 2 • Naples, Florida 34109
Ph (239) 596-9199 • Fax (239) 596-2637
PHOENIX
PLANNING & ENGINEERING, INC.
Certificate of Authorization #EB-0007607

PHOENIX
PLANNING & ENGINEERING, INC.
1786 Trade Center Way • Suite 2 • Naples, Florida 34109
Ph (239) 596-9199 • Fax (239) 596-2637
Certificate of Authorization #EB-0007607

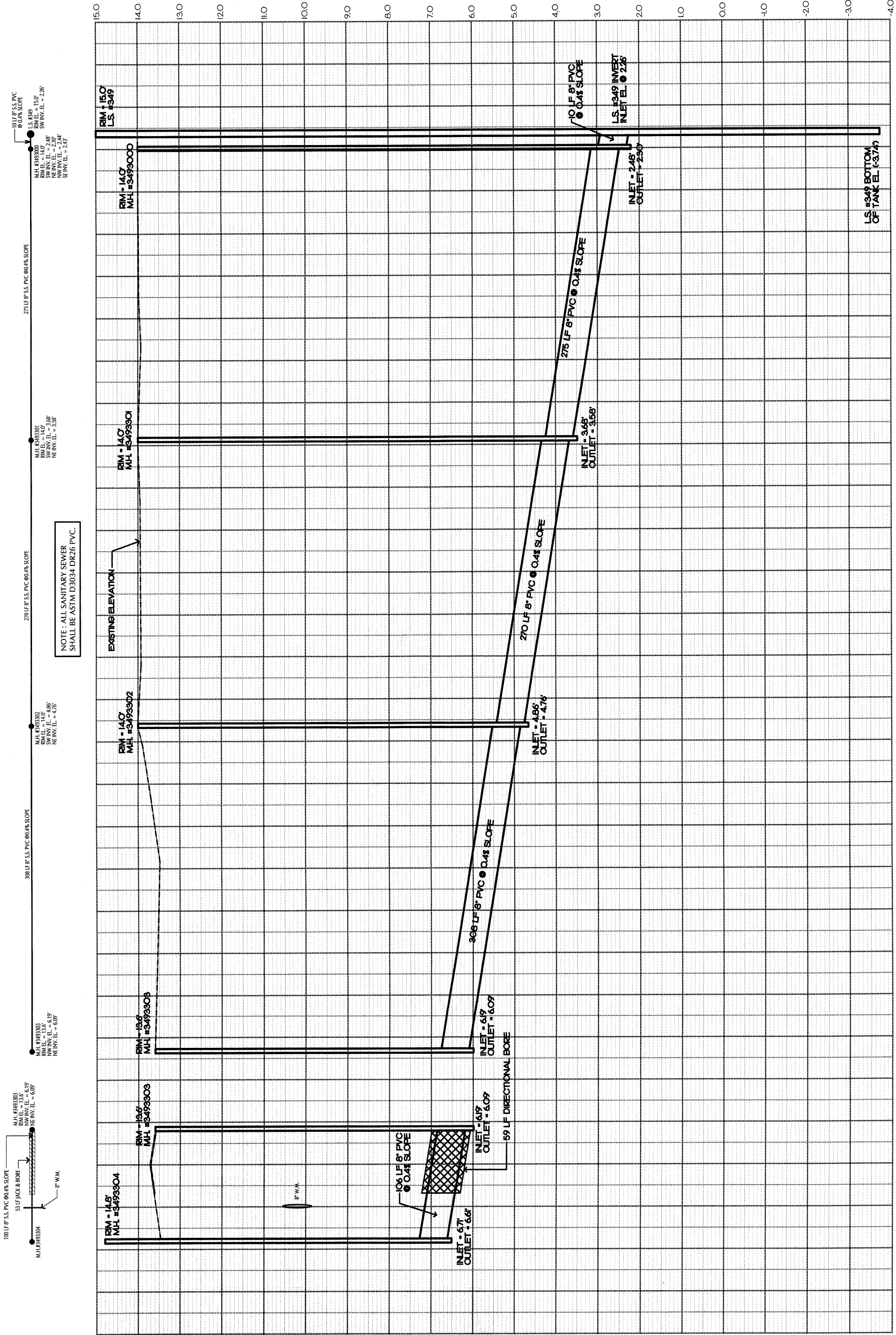
Kevin H. McVicker, P.E.
P.E. #51436

CONSTITUTION CENTER
OLD U.S. 41 • BONITA SPRINGS, FLORIDA 34135
LEE COUNTY

OFF-SITE SEWER PLAN AND PROFILE

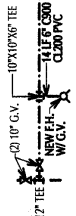
Revisions
No. Date:
1-27-2004
2-3-2003
9-10-2003
11/21/2003
4/29/2004
Date:
11-22-2002
Job No:
D.O.S. #2002-00257
Drawn By: CHRIS
Permit #:

SHEET
SDP-8
9 OF 21



SCALE: 1" = 40'-0"

CONSTITUTION CENTER
OLD U.S. 41 • BONITA SPRINGS, FLORIDA 34135
LEE COUNTY

Dale S. Mosher, P.E.
P.E. #30244



RECORD DRAWINGS FOR GRAVITY EXPANSION 2 PHASE 7

FOR BONITA SPRINGS UTILITIES

LOCATED IN
SECTIONS 35 & 36, TOWNSHIP 47 S., RANGE 25 E.
SECTION 31, TOWNSHIP 48 S., RANGE 25 E.

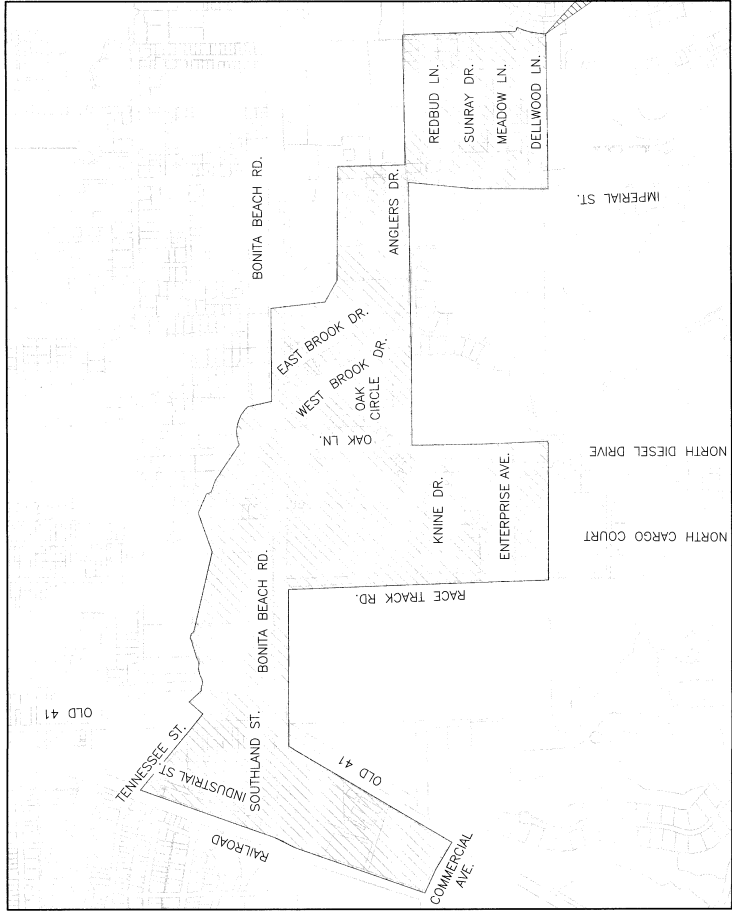
CITY OF BONITA SPRINGS
LEE COUNTY, FLORIDA

MARCH, 2008

INDEX OF DRAWINGS

SHEET	TITLE
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1	COVER
2	KEY MAP & GENERAL NOTES
3	LIFT STATION #261 & #349 SERVICE AREAS
4	EXISTING LIFT STATION #351 AND PROPOSED LIFT STATIONS #368 & #369 SERVICE AREAS
5	LIFT STATION #367 SERVICE AREA
6	PLAN AND PROFILES
7	B.P. EASEMENT
8	SOUTHLAND STREET
9	INDUSTRIAL STREET
10	BONITA BUSINESS PARK
11	RACE TRACK ROAD
12	RACE TRACK AVENUE
13	ENTERPRISE AVENUE
14	ENTERPRISE AVENUE
15	LIFT STATION #351
16	KNINE DRIVE
17	KNINE DRIVE
18	WEST BROOK DRIVE
19	WEST BROOK DRIVE
20	OAK LANE
21	OAK LANE
22	OAK CIRCLE
23	EAST BROOK DRIVE
24	EAST BROOK CIRCLE
25	IMPERIAL STREET
26	DELLWOOD LANE
27	DELLWOOD LANE
28	MEADOW LANE
29	MEADOW LANE
30	SUNRAY DRIVE
31-32	SUNRAY DRIVE
33	REDBUD LANE
34	REDBUD LANE
35	ROADWAY/STREET IMPROVEMENTS
36	PROPOSED CONSTRUCTION/RESTORATION PLAN AND DETAILS
37	DETAILS
38	BONITA SPRINGS UTILITIES STANDARD DETAILS
39	BONITA SPRINGS UTILITIES STANDARD DETAILS
40	AND PROPOSED DITCH BLOCK DETAIL
41	BONITA SPRINGS UTILITIES STANDARD DETAILS
42	BONITA SPRINGS UTILITIES STANDARD LIFT STATION DETAILS
43	E/ONE WET WELL DETAILS



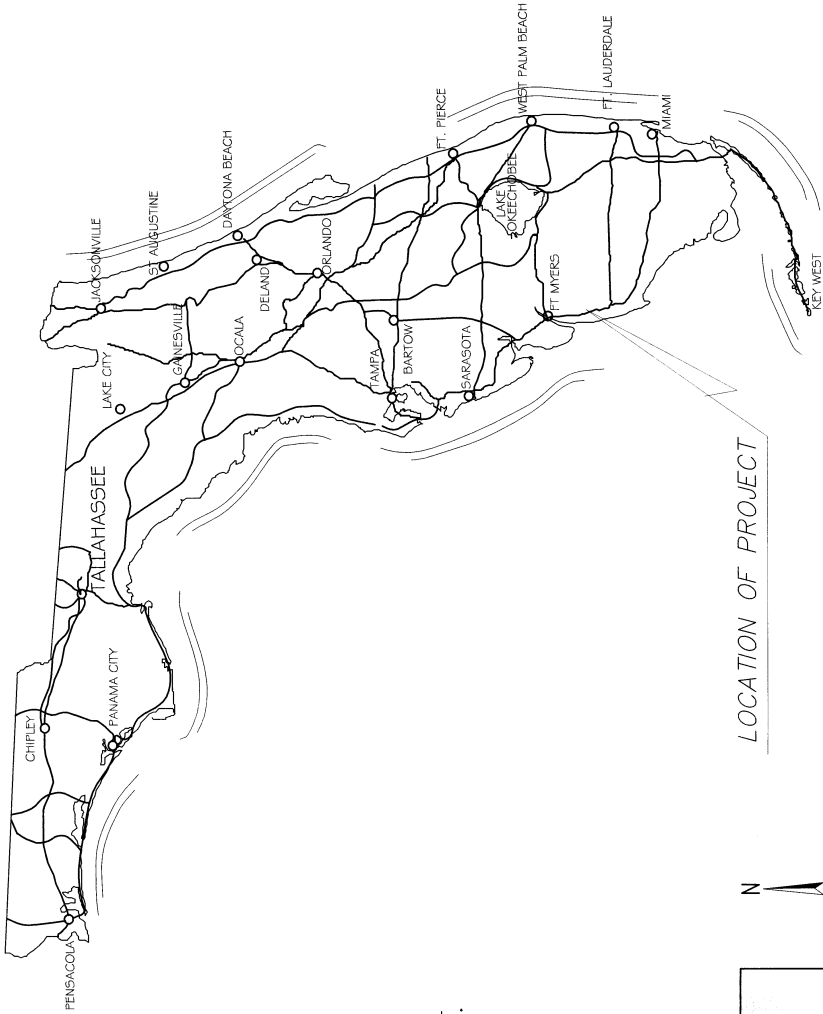
LOCATION MAP
N.T.S.

For Information Regarding
This Project, Contact:
Michael Scott Dickey, PE

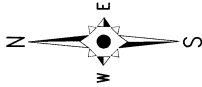
Michael Scott Dickey, PE
License No. 60057
Signature
Date: 3-1-2008

DESIGN CONSULTANT

JOHNSON
ENGINEERING
2158 JOHNSON ST.
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
FAX (239) 334-3661
E.B. #642 & L.B. #642



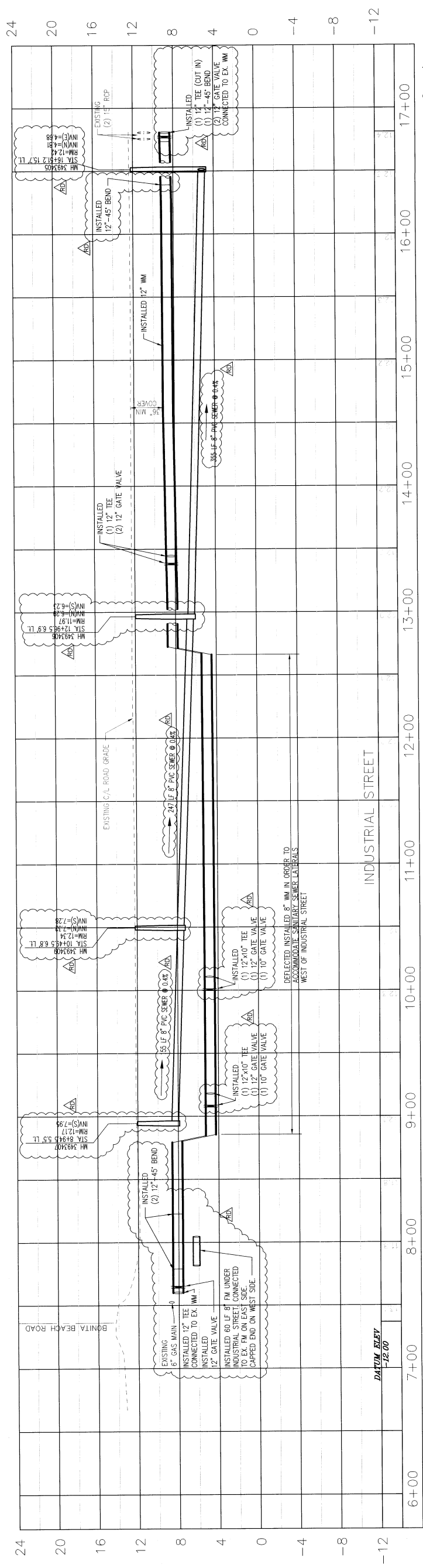
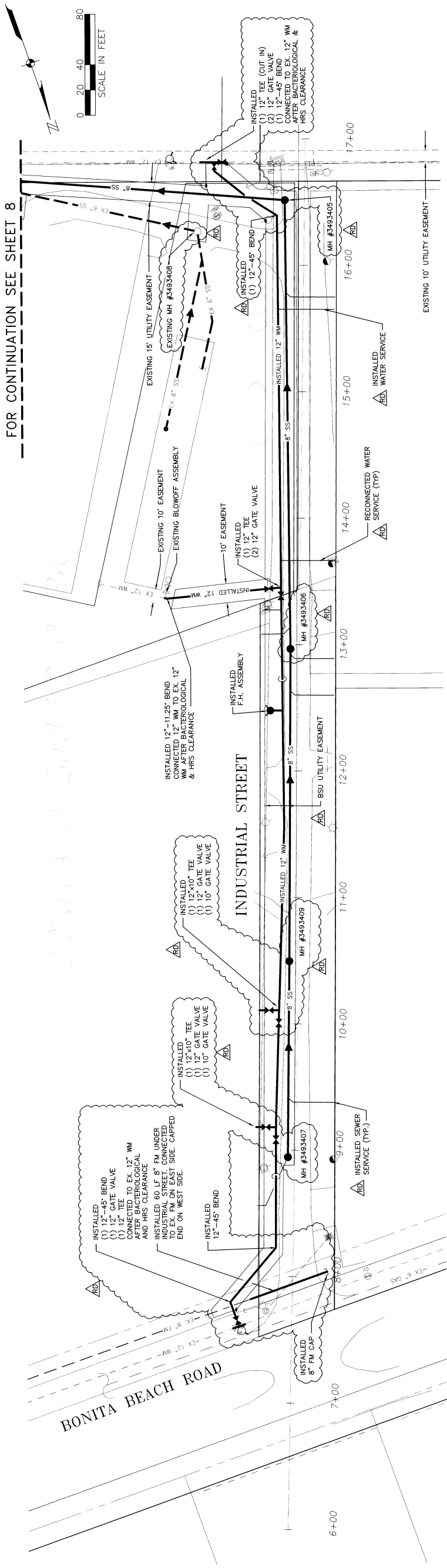
LOCATION OF PROJECT



RECORD DRAWING	
CERTIFICATION BY ENGINEER	
THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON INFORMATION SUBMITTED BY THE CONTRACTOR, SOUTHWEST UTILITIES, INC. THE ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY APPEAR IN THE RECORD DRAWINGS AS A RESULT.	
JOHNSON ENGINEERING, INC.	DATE
REGISTERED PROFESSIONAL ENGINEER FLORIDA LICENSE NO. 60057 FOR THE FIRM	

PROJECT SITE

FOR CONTINUATION SEE SHEET 8



RECORD DRAWING

THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON INFORMATION SUBMITTED BY THE CONTRACTOR, SOUTHWEST UTILITIES, INC. THE INFORMATION CONSISTED OF MARKUPS SHOWING THE REPORTED LOCATION OF THE WORK.

THE ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY APPEAR IN THE RECORD DRAWINGS AS A RESULT.

CERTIFICATION BY ENGINEER

REVISIONS		2/23/2008
NO.	RECORD DRAWING	
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**Bonita Springs
Utilities, Inc.**

Gravity Expansion 2 Phase 7

JOHNSON
ENGINEERING

2158 JOHNSON STREET
P.O. BOX 1550
FORT MYERS, FLORIDA 33902-1550
PHONE (239) 334-0046
FAX (239) 334-3661
E.B. #642 & L.B. #642

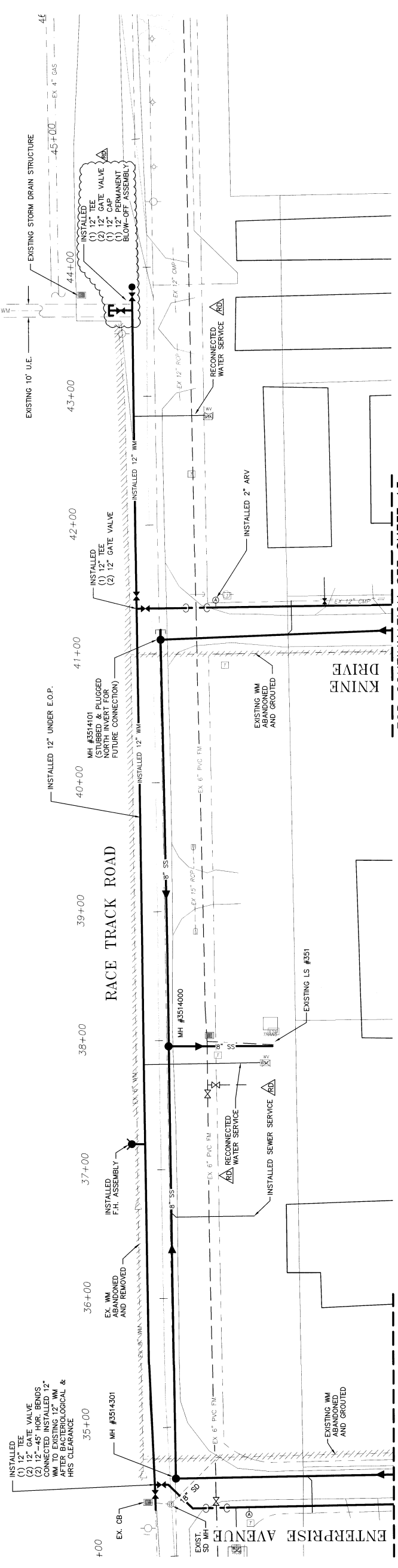
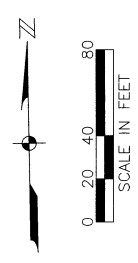
Michael Scott Dickey, PE
License No. 60057

Plan and Profile Industrial Street Sta. 5+50 to Sta. 17+50

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
MARCH 2008	20055218	35-47-25	As Shown	7

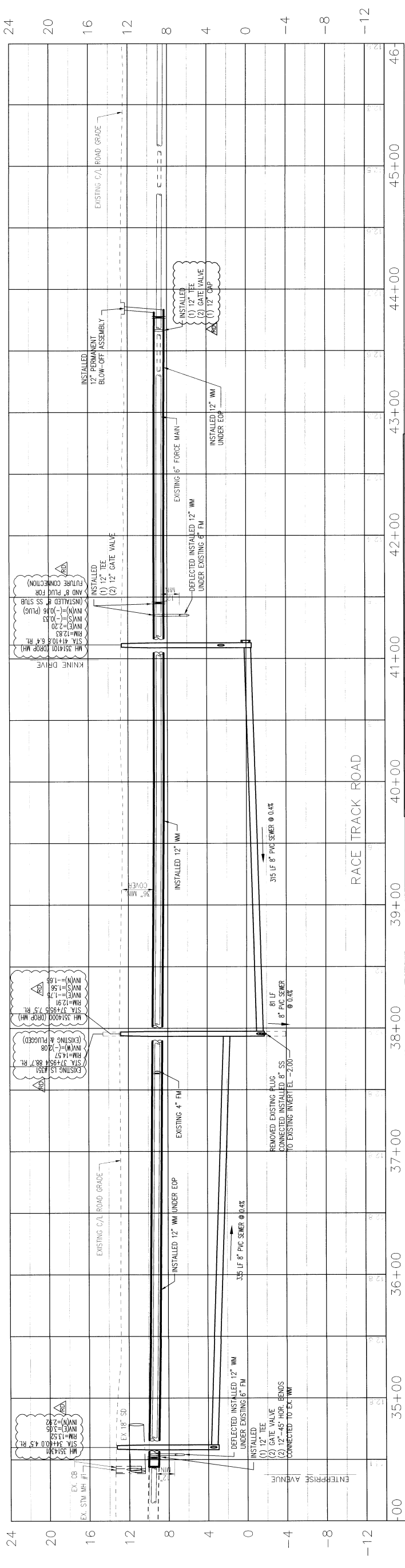
SCALE 1" = 40' HOR
1" = 5' VER

FOR CONTINUATION SEE SHEET 10



FOR CONTINUATION SEE SHEET 11

FOR CONTINUATION SEE SHEET 13



SCALE 1" = 40' HOR
1" = 5' VER

RECORD DRAWING
CERTIFICATION BY ENGINEER

SCALE 1" = 40' HOR
1" = 5' VER

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REVISIONS	RECORD DRAWING		
	DATE	BY	APP
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**Bonita Springs
Utilities, Inc.**

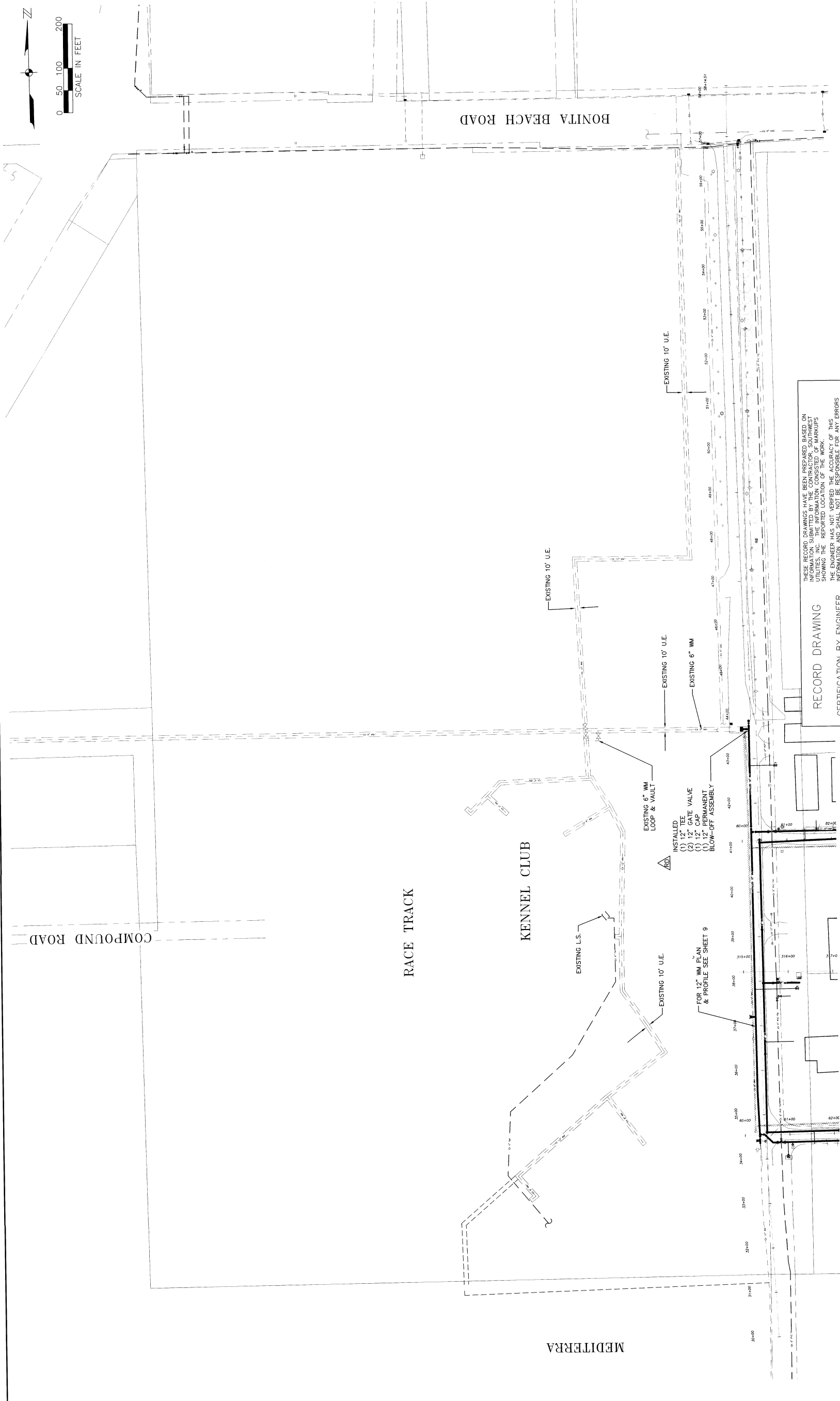
Gravity Expansion 2
Phase 7

JOHNSON
ENGINEERING

2158 JOHNSON STREET
P.O. BOX 1550
FORT MYERS, FLORIDA 33902-1550
PHONE (239) 334-3646
FAX (239) 334-3661
E.B. #642 & L.B. #642

Michael Scott Dickey, PE
License No. 9355
Michael S. Dickey
DATE MARCH 2008
PROJECT NO. 20055218
FILE NO. 35-47-25
SCALE As Shown
SHEET 9

Plan and Profile
Race Track Road
Sta. 34+00 to Sta. 46+00



RECORD DRAWING
CERTIFICATION BY ENGINEER

THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON INFORMATION SUBMITTED BY THE CONTRACTOR, SOUTHWEST UTILITIES, INC. THE ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY APPEAR IN THE RECORD DRAWINGS AS A RESULT.

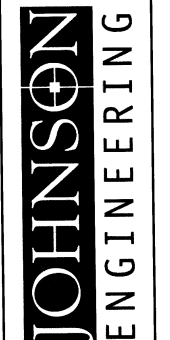
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REVISIONS	
RECORD DRAWING	2/29/2008



**Bonita Springs
Utilities, Inc.**

Gravity Expansion 2
Phase 7



**JOHNSON
ENGINEERING**

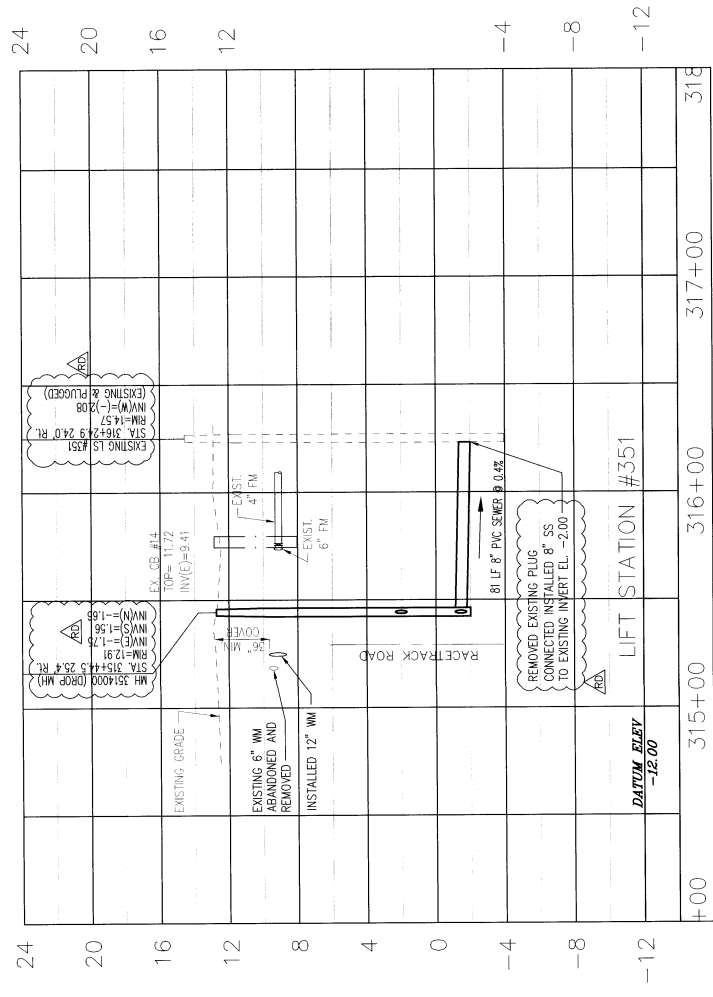
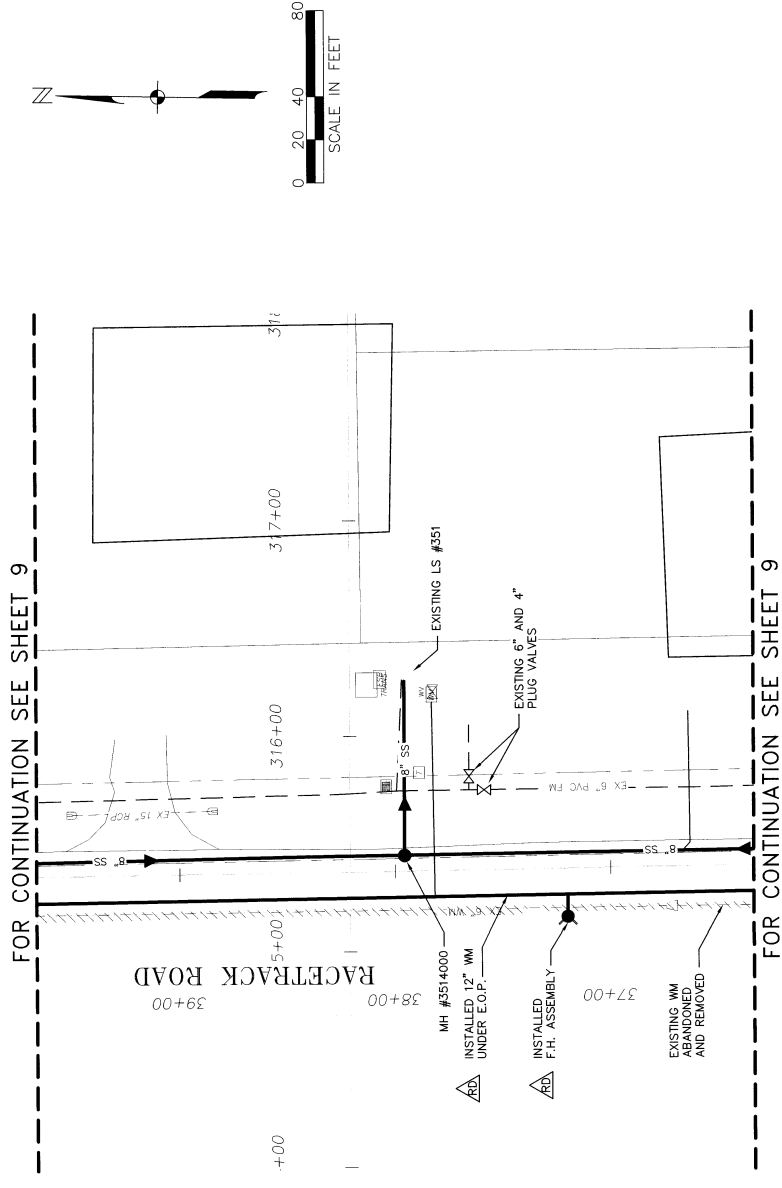
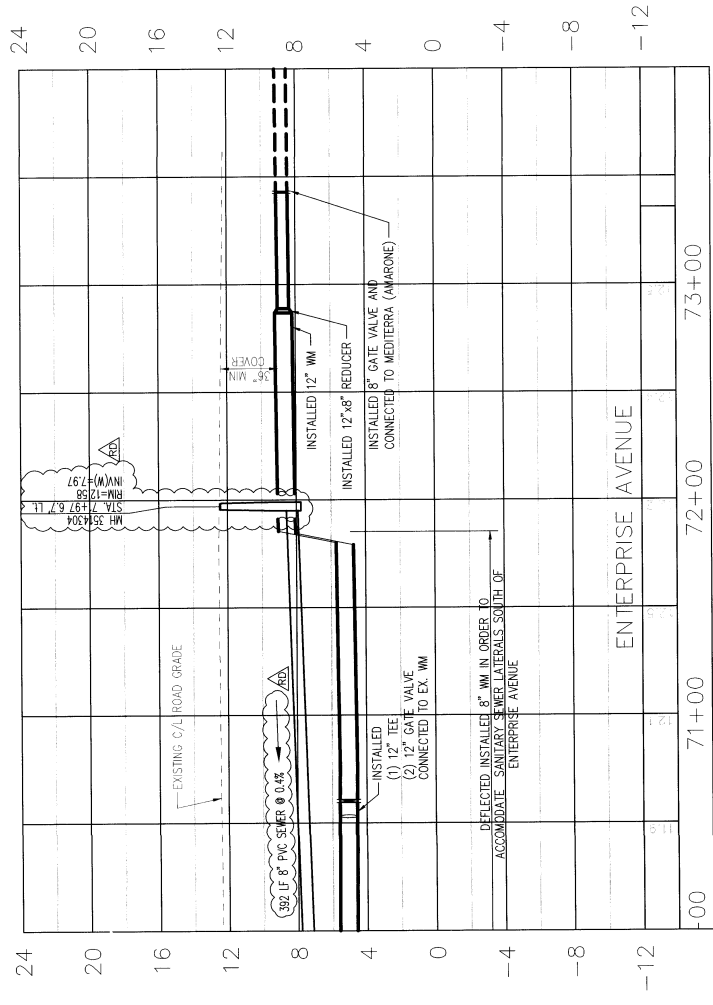
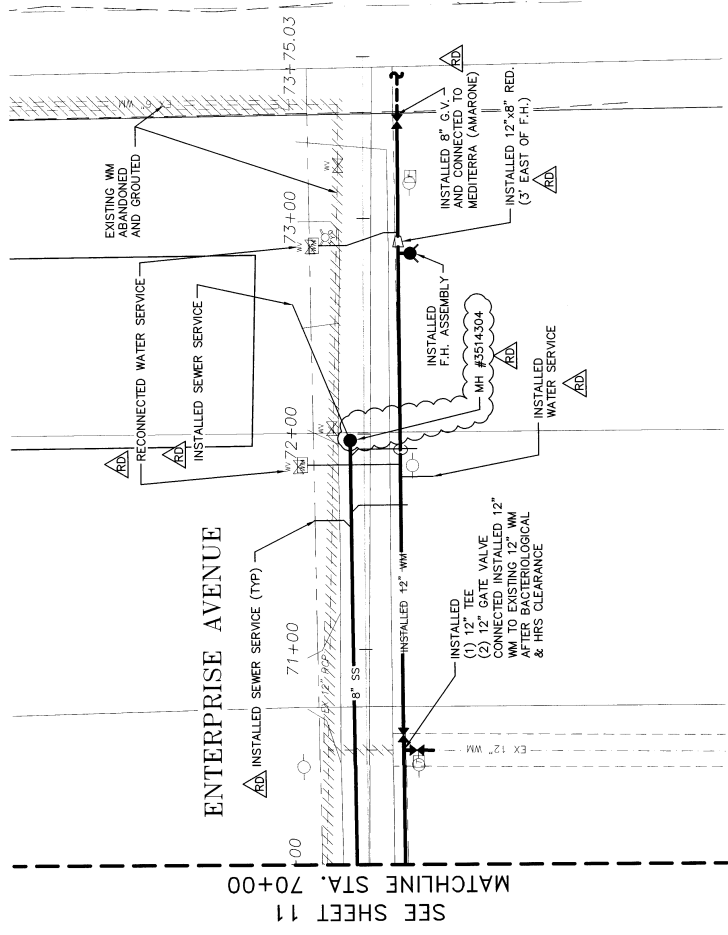
2158 JOHNSON STREET
FORT MYERS, FLORIDA 33902-1550
PHONE (239) 334-0046
FAX (239) 334-3661
E.B. #642 & L.B. #642

Michael S. Doherty, PE
License No. 67037

Michael S. Doherty

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
MARCH 2008	20055218	35-47-25	As Shown	10

Naples / Fort Myers
Grayhound Track

RECORD DRAWING
CERTIFICATION BY ENGINEERSCALE 1" = 40' HOK
1" = 5' VER

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REVISIONS		2/29/2008
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**Bonita Springs
Utilities, Inc.**

Gravity Expansion 2 Phase 7

JOHNSON
ENGINEERING

Michael Scott Dickey, PE
License No. 60057

2158 JOHNSON STREET
P.O. BOX 1550
FORT MYERS, FLORIDA 33902-1550
PHONE (239) 334-0046
FAX (239) 334-3661
E.B. #642 & L.B. #642

Plan and Profile
Enterprise Ave. Sta. 70+00 to Sta. 74+00
L.S. #351 Sta. 314+00 to Sta. 318+00

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
MARCH 2008	20055218	35-47-25	As Shown	12

GREYHOUND COMMERCE PARK

SITE CONSTRUCTION PLAN SET IN SECTION 2, TOWNSHIP 48 SOUTH, RANGE 25 EAST LEE COUNTY, FLORIDA

LEGEND

WATER DISTRIBUTION SYSTEM

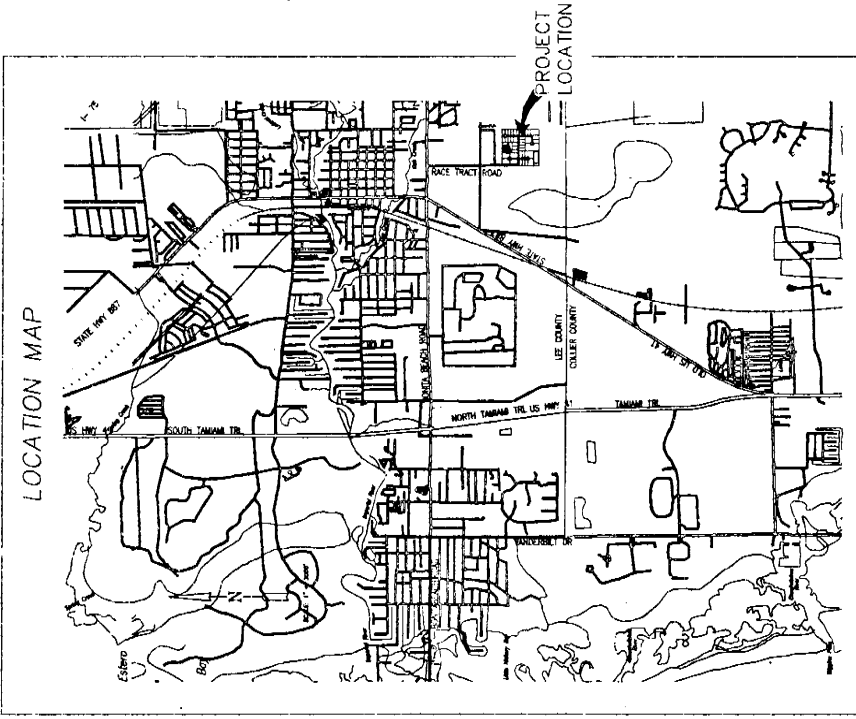
- EXISTING WATER MAIN
- PROPOSED WATER MAIN
DR 18, CL 150
- PROPOSED WATER MAIN
DR 14, CL 200
- EXISTING GATE VALVE
- PROPOSED GATE VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- TEE
- 22 1/2" ELBOW
- WATER METER
- DOUBLE CHECK VALVE
- EXISTING AIR RELEASE VALVE
- BLOWOFF VALVE &
BACTERIAL SAMPLE POINT
- REDUCER FITTING
- BACTERIOLOGIC SAMPLE POINT

SANITARY SEWER FACILITIES

- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING MANHOLE
- PROPOSED MANHOLE
- 6" PVC SANITARY LATERAL
- PUMP STATION
- SANITARY CLEANOUT

DRAINAGE FACILITIES

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING INLET STRUCTURE
- PROPOSED INLET STRUCTURE
- PROPOSED MITERED END
- PROPOSED CONTROL STRUCTURE
- STRAIGHT HEADWALL
- ROCK TRENCH
- EXISTING ELEVATIONS
- EXISTING ELEVATIONS
- PROPOSED PAVEMENT ELEVATIONS
- PROPOSED GROUND ELEVATIONS
- DRAINAGE FLOW ARROW
- TRAFFIC FLOW ARROW



GREYHOUND COMMERCE PARK SITE

LIST OF UTILITIES AND SERVICES PROVIDERS

WATER & SEWAGE TREATMENT	TELEPHONE
Bonita Springs Utility 11900 East Terry Street Bonita Springs, Florida 33901 941 / 992-0711	SPRINT P.O. Box 370 Fort Myers, Florida 33902 941 / 332-3111
FIRE PROTECTION	POWER
Bonita Springs Fire Control & Rescue District P.O. Box 1958 Bonita Springs, Florida 33901 941 / 992-3511	Florida Power & Light Company 1926 Victoria Avenue Fort Myers, Florida 33901 941 / 332-2627

STRAP NO. 02-48-25-40-00011.0110 DATE OF LAST COUNTY REVIEW:

DEVELOPMENT ORDER APPROVAL NUMBER AND DATE ISSUED:

PLANNING DEVELOPMENT INCORPORATED
ANSON & ASSOCIATES CONSULTING ENGINEERS, INC.
A JOINT VENTURE

5133 CASTLE DRIVE, SUITE 2, NAPLES, FLORIDA 34103
941 / 263-6934 941 / 263-6931 FAX

client: GREYHOUND PARK OF COMMERCE

contact: DAVID MOLA, CFO. 592-6145

title: COVER SHEET

sub-title:

project name: GREYHOUND PARK OF COMMERCE

project location: BONITA SPRINGS, FLA.

designer: MICHAEL R. FERNANDEZ, AICP

project manager: MRF

checked-date / by: 04.30.99 / MRF

for: PERMIT APPLICATIONS

sheet # 1 of 20

project # 98.01025

scale: N.T.S.

date: 03.01.99

revisions: 04.30.99

limits

INDEX OF SHEETS

SHEET NO. SHEET TITLE

- 1 COVER
- 2 BOUNDARY SURVEY
- 2A EXISTING CONDITIONS / TOPOGRAPHIC
- 3 MASTER SITE PLAN / INDIGENOUS
- 4 AERIAL EXHIBIT
- 5 MASTER STORMWATER PLAN
- 6 PAVING, GRADING & DRAINAGE DETAILS
- 7 AND CROSS SECTIONS
- 8 DRAINAGE DETAILS
- 9 EROSION CONTROL DETAILS
- 9 SIGNING & MARKING PLAN
- 10 OFF SITE FORCEMAIN
- 11 ON SITE UTILITIES

- 12 SEWER PLAN & PROFILE
- 13 Harmony Park Drive & South Diesel Drive
- 13 SEWER PLAN & PROFILE
- 13 North Diesel Drive
- 14 SEWER PLAN & PROFILE
- 14 South Cargo Drive & Harmony Park Drive
- 15 SEWER PLAN & PROFILE
- 15 North Cargo Drive

- 16 RSU : WATER DETAILS SHEET NO. 1
- 17 RSU : WATER DETAILS SHEET NO. 2
- 18 RSU : COMBINATION WATER / WASTEWATER
- 19 RSU : WASTEWATER DETAILS SHEET NO. 1
- 20 RSU : PUMP STATION DETAILS

- L1 LANDSCAPING & IRRIGATION
- G1 GOLFIER TORTOISE RELOCATION PLAN

LIST OF CONSULTANTS

PROJECT MANAGER AND PLANNING

Planning Development Incorporated
Swanson & Associates Consulting Engineers
A Joint Venture
5133 Castle Drive, Suite 2
Naples, Florida 34103
941 / 263-6934
941 / 263-6981 fax
Contact: Michael R. Fernandez, AICP

ECOLOGIST

Callie Environmental Consultants
380 Eddy Avenue
Naples, Florida 34104
941 / 263-2747
Contact: Marco A. Espinoza

PROJECT ATTORNEY:

Merritt & Curry, P.A.
3312 N. Tamiami Trail, Suite 402
Naples, Florida 34103
941 / 649-5200
Contact: J. Thomas Curry, III Esq.

LANDSCAPE ARCHITECT

A. Secklen Embree & Wm. H.
Buckham, III ASLA
Landscape Architects
1076 Garfield Road North
Naples, Florida 34102
941 / 262-4102
941 / 262-0161 fax
Contact: Paul Klein, ASLA

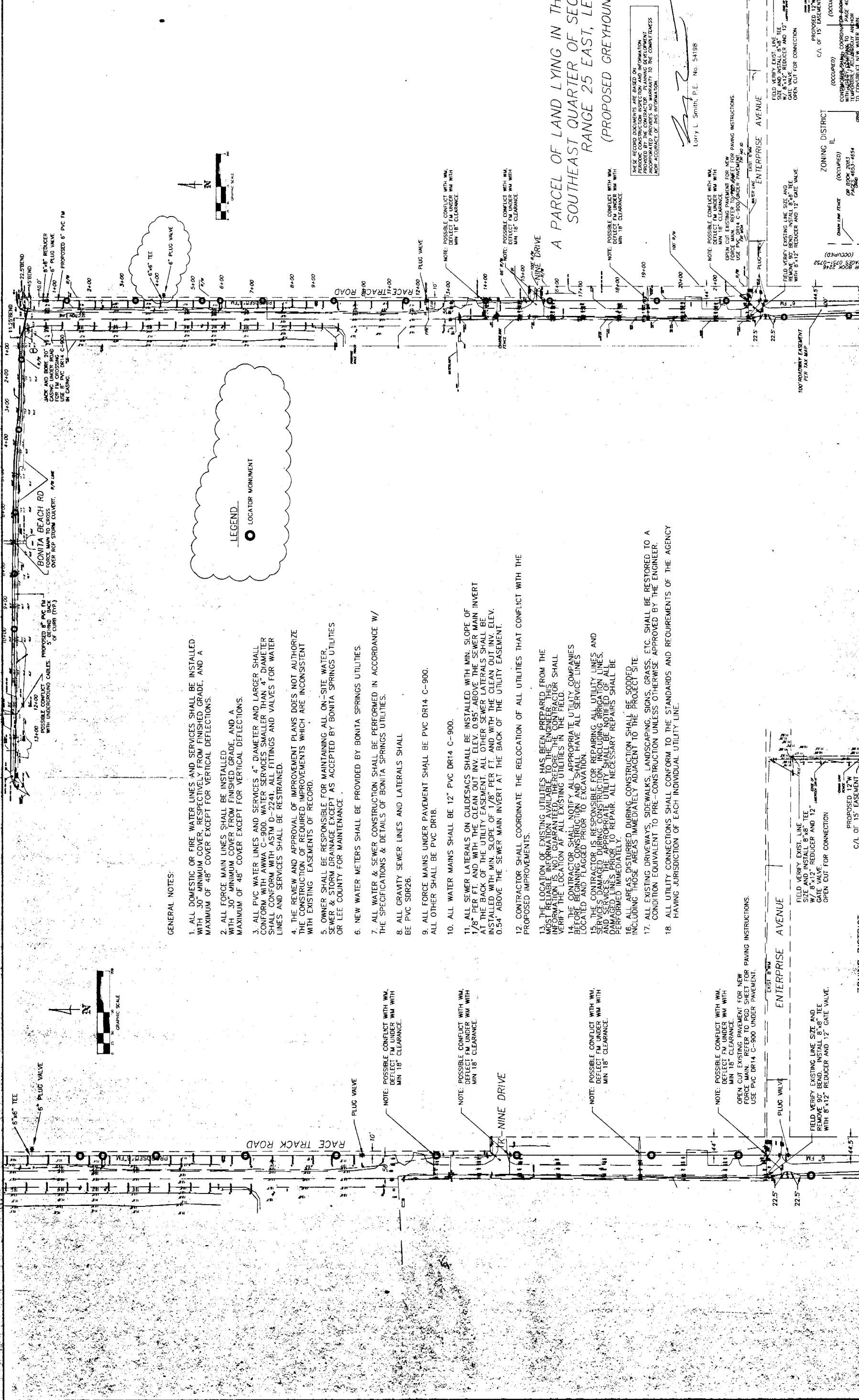
SURVEYOR

Robert Mayson & Associates, Inc.
1220 East Free Boulevard, #6
Naples, Florida 34110
941 / 593-0570
Contact: W. Karl Mayson, Jr.

GEO-TECHNICAL ENGINEER

ASC Geotechnical, Inc.
1900-4 Division Drive
Fort Myers, Florida 33905
941 / 693-6314
Contact: Gregory A. Stephen, P.E.

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GENERAL NOTES:

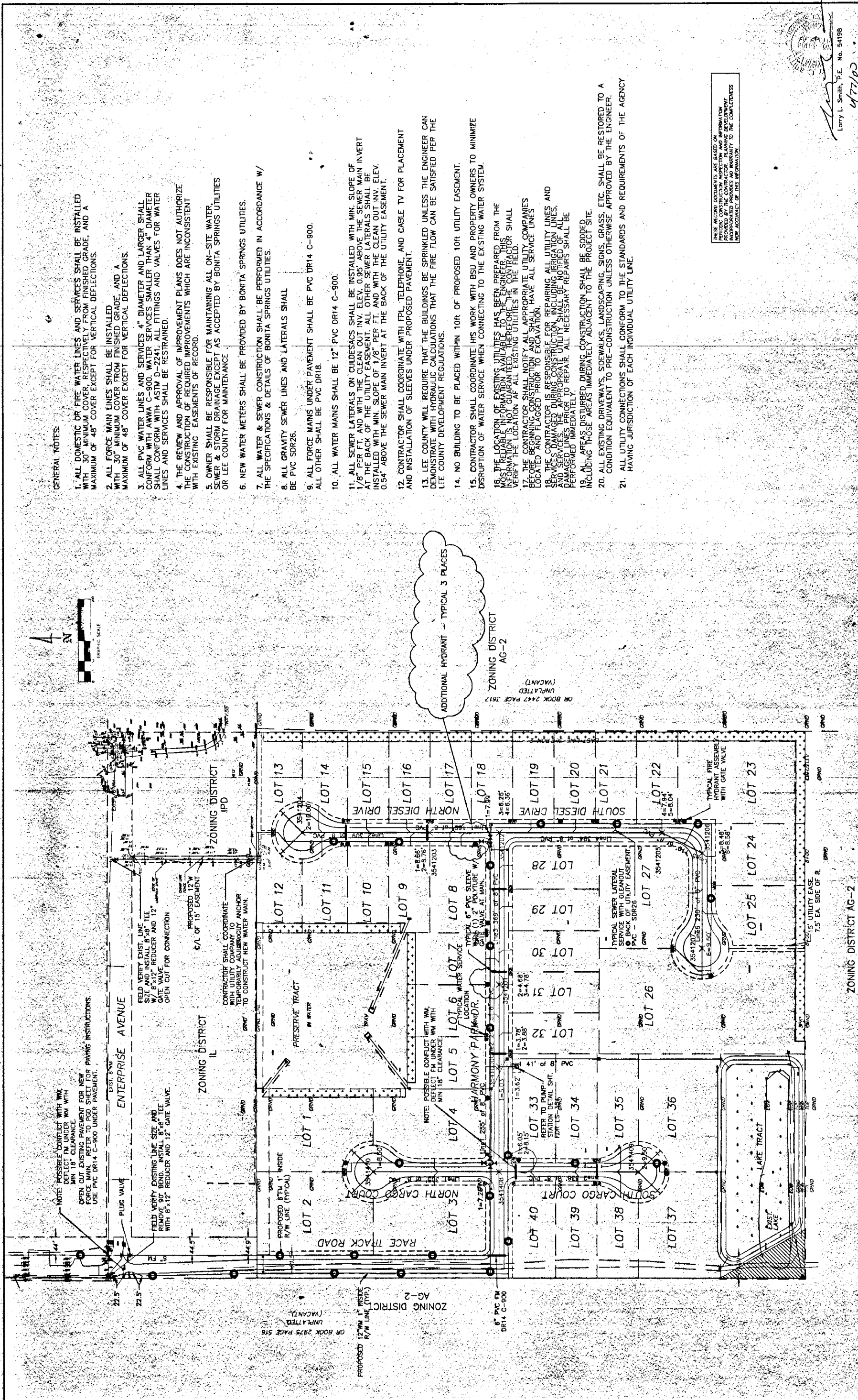
1. ALL DOMESTIC OR FIRE WATER LINES AND SERVICES SHALL BE INSTALLED WITH 30" MINIMUM COVER, RESPECTIVELY FROM FINISHED GRADE, AND A MAXIMUM OF 48" COVER EXCEPT FOR VERTICAL DEFLECTIONS.
2. ALL FORCE MAIN LINES SHALL BE INSTALLED WITH 30" MINIMUM COVER FROM FINISHED GRADE, AND A MAXIMUM OF 48" COVER EXCEPT FOR VERTICAL DEFLECTIONS.
3. ALL PVC WATER LINES AND SERVICES 4" DIAMETER AND LARGER SHALL CONFORM WITH AWWA C-900. WATER SERVICES SMALLER THAN 4" DIAMETER SHALL CONFORM WITH ASTM D-2241. ALL FITTINGS AND VALVES FOR WATER LINES AND SERVICES SHALL BE RESTRAINED.
4. THE REVIEW AND APPROVAL OF IMPROVEMENT PLANS DOES NOT AUTHORIZE THE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EXISTING EASEMENTS OF RECORD.
5. OWNER SHALL BE RESPONSIBLE FOR MAINTAINING ALL ON-SITE WATER, SEWER & STORM DRAINAGE EXCEPT AS ACCEPTED BY BONITA SPRINGS UTILITIES OR LEE COUNTY FOR MAINTENANCE.
6. NEW WATER METERS SHALL BE PROVIDED BY BONITA SPRINGS UTILITIES.
7. ALL WATER & SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS & DETAILS OF BONITA SPRINGS UTILITIES.
8. ALL GRAVITY SEWER LINES AND LATERALS SHALL BE PVC SDR26.
9. ALL FORCE MAINS UNDER PAVEMENT SHALL BE PVC DR14 C-900. ALL OTHER SHALL BE PVC DR18.
10. ALL WATER MAINS SHALL BE 12" PVC DR14 C-900.
11. ALL SEWER LATERALS ON CULDESACS SHALL BE INSTALLED WITH MIN. SLOPE OF 1/8" PER FT. AND WITH THE CLEAN OUT INV. ELEV. 0.95' ABOVE THE SEWER MAIN INVERT AT THE BACK OF THE UTILITY EASEMENT. ALL OTHER SEWER LATERALS SHALL BE INSTALLED WITH MIN. SLOPE OF 1/8" PER FT. AND WITH THE CLEAN OUT INV. ELEV. 0.54' ABOVE THE SEWER MAIN INVERT AT THE BACK OF THE UTILITY EASEMENT.
12. CONTRACTOR SHALL COORDINATE THE RELOCATION OF ALL UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS.
13. THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED. THEREFORE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN THE FIELD.
14. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES BEFORE BEGINNING CONSTRUCTION AND SHALL HAVE ALL SERVICE LINES LOCATED AND FLAGGED PRIOR TO EXCAVATION.
15. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL UTILITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION, INCLUDING IRRIGATION LINES, AND SERVICES. THE APPROPRIATE UTILITY SHALL BE NOTIFIED OF ALL DAMAGE AND REPAIRS SHALL BE COMPLETED IMMEDIATELY.
16. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE SODED, INCLUDING THOSE AREAS IMMEDIATELY ADJACENT TO THE PROJECT SITE.
17. ALL EXISTING DRIVEWAYS, SIDEWALKS, LANDSCAPING, SIGNS, GRASS, ETC. SHALL BE RESTORED TO A CONDITION EQUIVALENT TO PRE-CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE ENGINEER.
18. ALL UTILITY CONNECTIONS SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE AGENCY HAVING JURISDICTION OF EACH INDIVIDUAL UTILITY LINE.

A PARCEL OF LAND LYING IN THE
SOUTHEAST QUARTER OF SECTION
RANGE 25 EAST, LE
(PROPOSED GREYHOUND

THESE RECORD DOCUMENTS ARE BASED ON
PERIODIC CONSTRUCTION INSPECTION AND INFORMATION
PROVIDED BY THE CONTRACTOR. PLANNING ENGINEERS
DO NOT WARRANT THE ACCURACY OF THE INFORMATION
OR THE COMPLETENESS OF THIS INFORMATION.

Larry L. Smith, P.E. No. 54198

PLANNING DEVELOPMENTS INCORPORATED A JOINT VENTURE 5133 CASTELLO DRIVE, SUITE 2, NAPLES, FLORIDA 34103 941 / 263-6934 941 / 263-6981 FAX	client: GREYHOUND PARK OF COMMERCE PHONE 941-592-6145, FAX 941-592-9053 contact: DAVID J. MOJA, CTO	title: GREYHOUND PARK OF COMMERCE	title: MASTER UTILITY PLAN sub title: OFFSITE FORCEMAIN project name: GREYHOUND PARK OF COMMERCE project location: BONITA SPRINGS, FLA.
designer: LAURIE A. SWANSON, P.E. project manager: LAS/MRF checked-date / by: 3-22-99/LAS or: PERMIT APPLICATION		sheet #: 10 of 20 project #: 98-0025 scale: 1" = 100' view: LIMITS coord. dwg. base-12"	date: 04-05-99 revisions: 05-12-99 06/29/99 01-20-00



GENERAL NOTES

1. ALL DOMESTIC OR FIRE WATER LINES AND SERVICES SHALL BE INSTALLED WITH 30" MINIMUM COVER EXCEPT FOR VERTICAL DEFLECTIONS. A MAXIMUM OF 48" COVER EXCEPT FOR VERTICAL DEFLECTIONS.
2. ALL FORCE MAIN LINES SHALL BE INSTALLED WITH 30" MINIMUM COVER EXCEPT FOR VERTICAL DEFLECTIONS. A MAXIMUM OF 48" COVER EXCEPT FOR VERTICAL DEFLECTIONS.
3. ALL PVC WATER LINES AND SERVICES 4" DIAMETER AND LARGER SHALL CONFORM WITH AWWA C-900. WATER SERVICES SMALLER THAN 4" DIAMETER SHALL CONFORM WITH ASTM D-2241. ALL FITTINGS AND VALVES FOR WATER LINES AND SERVICES SHALL BE RESTRAINED.
4. THE REVIEW AND APPROVAL OF IMPROVEMENT PLANS DOES NOT AUTHORIZE THE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EXISTING EASEMENTS OF RECORD.
5. OWNER SHALL BE RESPONSIBLE FOR MAINTAINING ALL ON-SITE WATER, SEWER & STORM DRAINAGE EXCEPT AS ACCEPTED BY BONITA SPRINGS UTILITIES OR LEE COUNTY FOR MAINTENANCE.
6. NEW WATER METERS SHALL BE PROVIDED BY BONITA SPRINGS UTILITIES.
7. ALL WATER & SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE W/ THE SPECIFICATIONS & DETAILS OF BONITA SPRINGS UTILITIES.
8. ALL GRAVITY SEWER LINES AND LATERALS SHALL BE PVC SDR26.
9. ALL FORCE MAINS UNDER PAVEMENT SHALL BE PVC DR14 C-900. ALL OTHER SHALL BE PVC DR18.
10. ALL WATER MAINS SHALL BE 12" PVC DR14 C-900.
11. ALL SEWER LATERALS ON GUIDESACCS SHALL BE INSTALLED WITH MIN. SLOPE OF 1/8" PER FT. AND WITH THE CLEAN OUT INV. ELEV. 0.95' ABOVE THE SEWER MAIN INVERT AT THE BACK OF THE UTILITY EASEMENT. ALL OTHER SEWER LATERALS SHALL BE INSTALLED WITH MIN. SLOPE OF 1/8" PER FT. AND WITH THE CLEAN OUT INV. ELEV. 0.54' ABOVE THE SEWER MAIN INVERT AT THE BACK OF THE UTILITY EASEMENT.
12. CONTRACTOR SHALL COORDINATE WITH FPL, TELEPHONE, AND CABLE TV FOR PLACEMENT AND INSTALLATION OF SLEEVES UNDER PROPOSED PAVEMENT.
13. LEE COUNTY WILL REQUIRE THAT THE BUILDINGS BE SPRINKLED UNLESS THE ENGINEER CAN DEMONSTRATE WITH HYDRAULIC CALCULATIONS THAT THE FIRE FLOW CAN BE SATISFIED PER THE LEE COUNTY DEVELOPMENT REGULATIONS.
14. NO BUILDING TO BE PLACED WITHIN 10ft OF PROPOSED 10ft UTILITY EASEMENT.
15. CONTRACTOR SHALL COORDINATE HIS WORK WITH BSU AND PROPERTY OWNERS TO MINIMIZE DISRUPTION OF WATER SERVICE WHEN CONNECTING TO THE EXISTING WATER SYSTEM.
16. THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED. THEREFORE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN THE FIELD.
17. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES BEFORE BEGINNING CONSTRUCTION AND SHALL HAVE ALL SERVICE LINES LOCATED AND FLAGGED PRIOR TO EXCAVATION.
18. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL UTILITY LINES AND SERVICES DAMAGED DURING CONSTRUCTION INCLUDING IRRIGATION LINES, LANDSCAPING, SIDEWALKS, DRIVEWAYS, SIGNS, GRASS, ETC. ALL NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
19. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE SOODED, INCLUDING THOSE AREAS IMMEDIATELY ADJACENT TO THE PROJECT SITE.
20. ALL EXISTING DRIVEWAYS, SIDEWALKS, LANDSCAPING, SIGNS, GRASS, ETC. SHALL BE RESTORED TO A CONDITION EQUIVALENT TO PRE-CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE ENGINEER.
21. ALL UTILITY CONNECTIONS SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE AGENCY HAVING JURISDICTION OF EACH INDIVIDUAL UTILITY LINE.

THIS RECORD DOCUMENT IS BASED ON PERIODIC CONSTRUCTION INSPECTION AND INFORMATION PROVIDED BY THE CONTRACTOR. PLANNING DEVELOPMENT SWANSON & ASSOCIATES CONSULTING ENGINEERS, INC. DOES NOT ASSUME RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF THIS INFORMATION.

title: MASTER UTILITY PLAN		sheet # 11 of 20	date: 04-05-99
sub title: ONSITE UTILITIES		project manager: LAS/MRF	revisions: 05-12-99
project name: GREYHOUND PARK OF COMMERCE		checked-date / by: 08-09-99/LAS	scale: 1" = 100'
project location: BONITA SPRINGS, FLA.		for: RECORD DOCUMENTS	view: LIMITS
client: GREYHOUND COMMERCE PARK, LLC		phone: 941-592-8145, FAX 941-592-8058	contact: DAVID J. MOLA, CTO
title: GREYHOUND PARK OF COMMERCE		sheet # 11 of 20	date: 04-05-99
sub title: GREYHOUND PARK OF COMMERCE		project manager: LAS/MRF	revisions: 05-12-99
project name: GREYHOUND PARK OF COMMERCE		checked-date / by: 08-09-99/LAS	scale: 1" = 100'
project location: BONITA SPRINGS, FLA.		for: RECORD DOCUMENTS	view: LIMITS
client: GREYHOUND COMMERCE PARK, LLC		phone: 941-592-8145, FAX 941-592-8058	contact: DAVID J. MOLA, CTO
title: PLANNING DEVELOPMENT INCORPORATED		sheet # 11 of 20	date: 04-05-99
sub title: SWANSON & ASSOCIATES CONSULTING ENGINEERS, INC.		project manager: LAS/MRF	revisions: 05-12-99
project name: GREYHOUND PARK OF COMMERCE		checked-date / by: 08-09-99/LAS	scale: 1" = 100'
project location: BONITA SPRINGS, FLA.		for: RECORD DOCUMENTS	view: LIMITS
client: GREYHOUND COMMERCE PARK, LLC		phone: 941-592-8145, FAX 941-592-8058	contact: DAVID J. MOLA, CTO

31-0MSH
4-21-14
OK 1/14
4-22-10
AK-926-10

NOVEMBER, 2009
FILE NAME : MOLARTDODO-COV
JOB CODE : MOLARTDO.
DRAWING NUMBER 1 OF 25

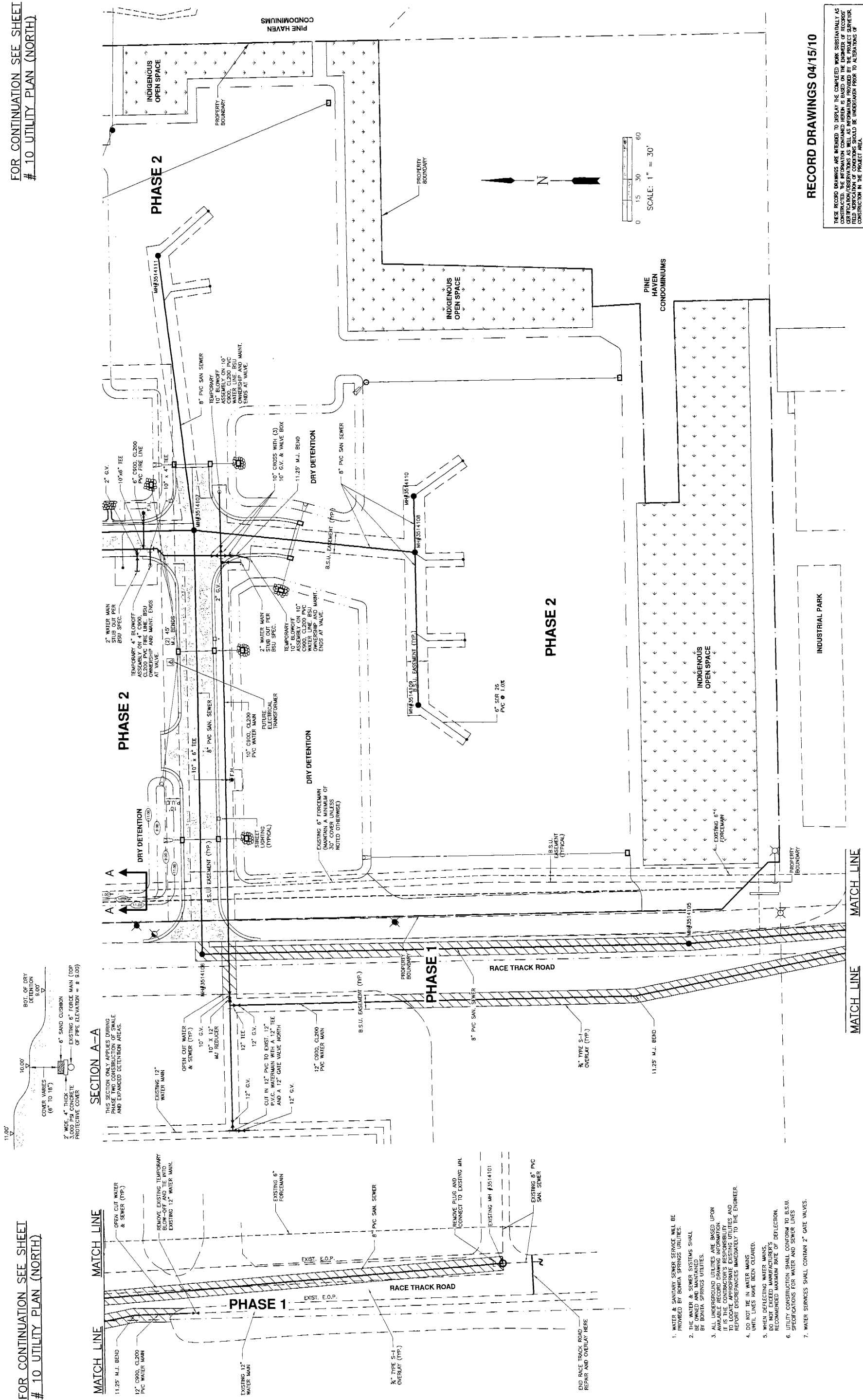
Q. GRADY MINOR & ASSOCIATES, P.A.

MARK W. LORR, P.E. & ASSOC., P.A.
Q. GRADY LORR, P.E.
3800 VIA DE LAS PALMAS
BONITA SPRING, FLORIDA 33435
FLORIDA P.E. LICENSE NO. 14144
EB/LB 0005/51

Q. GRADY MINOR AND ASSOCIATES, P.A.
BONITA SPRINGS OFFICE

FOR CONTINUATION SEE SHEET
10 UTILITY PLAN (NORTH)

FOR CONTINUATION SEE SHEET
10 UTILITY PLAN (NORTH)



LEGEND

DENOTES LIMITS OF
RACE TRACK ROAD
REPAIR

Revision	Date	Description
R2	04/10	BSU RECORD DRAWING REVISIONS
R	04/10	BSU RECORD DRAWING REVISIONS
12	12/09	REVISED PER BSU COMMENTS
11	11/17/09	REVISED PER BSU COMMENTS
10	08/25/09	REVISED PER BSU COMMENTS

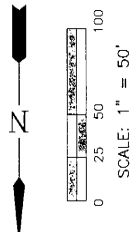
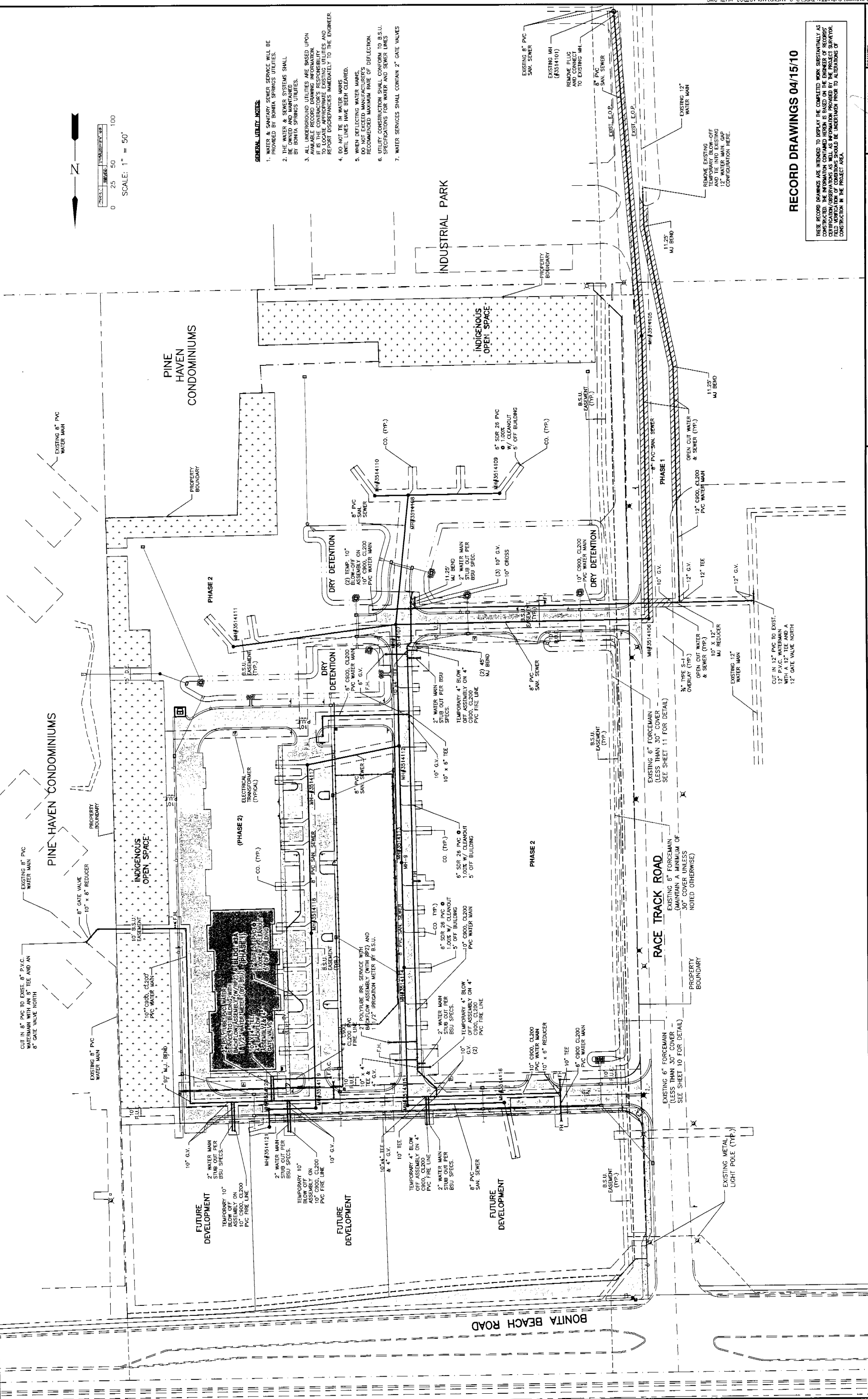
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GREYHOUND SQUARE
PRINTED
UTILITY PLAN (SOUTH)
APR 16 2010
CLARENCE MINOR & ASSOCIATES, P.A.
CIVIL ENGINEERS AND SURVEYORS

COUNTY: LEE
SUBMITTAL: D.O. AMEND.
DATE: NOVEMBER, 2009
FILE NAME: MOLARTD02-UTILITY.DWG
SHEET 11 OF 25

RECORD DRAWINGS 04/15/10

THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS CONSTRUCTED. THE INFORMATION CONTAINED HEREIN IS BASED ON THE ENGINEER OF RECORD'S CERTIFICATION/OBSERVATIONS AS WELL AS INFORMATION PROVIDED BY THE PROJECT SURVEYOR. THE ENGINEER OF RECORD'S CERTIFICATION/OBSERVATIONS SHOULD BE UNDERSTOOD PRIOR TO ALTERATIONS OF CONSTRUCTION IN THE PROJECT AREA.



- GENERAL UTILITY NOTES**
1. WATER & SANITARY SEWER SERVICE WILL BE PROVIDED BY BONITA SPRINGS UTILITIES.
 2. THE WATER & SEWER SYSTEMS SHALL BE OWNED AND MAINTAINED BY BONITA SPRINGS UTILITIES.
 3. ALL UNDERGROUND UTILITIES ARE BASED UPON AVAILABLE RECORD DRAWING INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE DISCREPANCIES IMMEDIATELY TO THE ENGINEER. REPORT DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
 4. DO NOT BE IN WATER MAINS.
 5. WHEN DEFLECTING WATER MAINS, RECOMMENDED MAXIMUM RATE OF DEFLECTION, SPECIFICATIONS FOR WATER AND SEWER LINES.
 6. UTILITY CONSTRUCTION SHALL CONFORM TO B.S.U. SPECIFICATIONS FOR WATER AND SEWER LINES.
 7. WATER SERVICES SHALL CONTAIN 2" GATE VALVES.

RECORD DRAWINGS 04/15/10

THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS CONSTRUCTED. THE INFORMATION CONTAINED HEREIN IS BASED ON THE ENGINEER'S RECORDS OF CONSTRUCTION. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE ENGINEER'S OFFICE SHALL BE UNDERTAKEN PRIOR TO ALTERATIONS OF CONSTRUCTION IN THE PROJECT AREA.

LEGEND

EXISTING METAL LIGHT POLE	✕
EXISTING CONCRETE POWER POLE	✕
EXISTING WOOD POWER POLE	✕
EXISTING GUY ANCHOR	+

DESIGNED BY: A.F.C.

DRAWN BY: M.W.

APPROVED: M.W.

DATE: 04/10

REVISIONS PER CITY MEETING WITH STAFF (01-20-10)

REVISIONS PER BSU COMMENTS

REVISIONS PER BSU COMMENTS

REVISIONS PER BSU COMMENTS

BY: M.W.

DATE: 04/10

REVISIONS PER CITY MEETING WITH STAFF (01-20-10)

REVISIONS PER BSU COMMENTS

REVISIONS PER BSU COMMENTS

REVISIONS PER BSU COMMENTS

Q. GRADY MINOR & ASSOCIATES, P.A.

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GREYHOUND SQUARE

PRINTED

MASTER UTILITY PLAN

APR 16 2010

Q. GRADY MINOR & ASSOCIATES, P.A.

CIVIL ENGINEERS • LAND SURVEYORS

COUNTY: LEE

PROJECT: GREYHOUND SQUARE

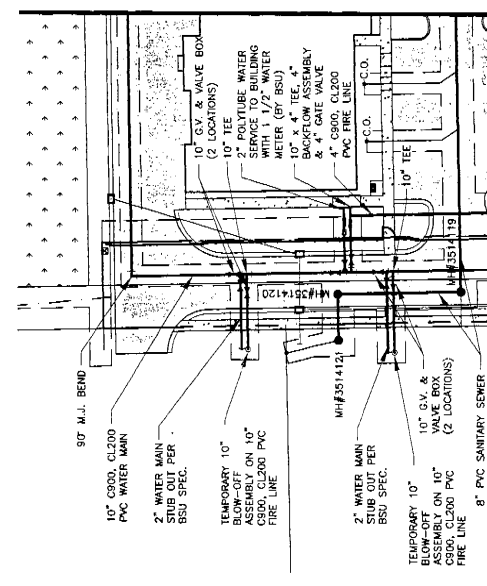
NO. 45324

DATE: NOVEMBER 2009

FILE NAME: GREYHOUND SQUARE MASTER UTILITY PLAN.dwg

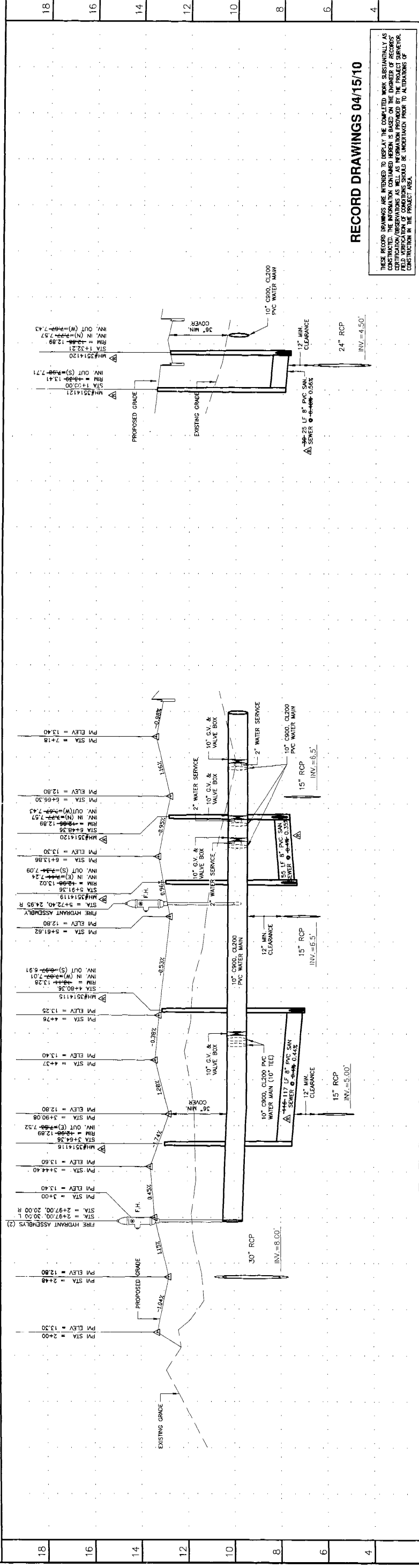
FLORIDA PROJECT NO. 145324

SHEET 12 OF 25

[illegible]

BASE LINE 'A' (PHASE 1)

▲ NOTE: BSU OWNERSHIP MAINTENANCE ENDS AT THE FIRST VALVE ON THE FIRE LINE.



RECORD DRAWINGS 04/15/10

THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS CONSTRUCTED. THE INFORMATION CONTAINED HEREIN IS BASED ON THE ENGINEER OF RECORDS' CERTIFICATION/OBSERVATIONS AS WELL AS INFORMATION PROVIDED BY THE PROJECT SURVEYOR. FIELD VERIFICATION OF CONDITIONS SHOULD BE UNDERTAKEN PRIOR TO ALTERATIONS OF CONSTRUCTION IN THE PROJECT AREA.

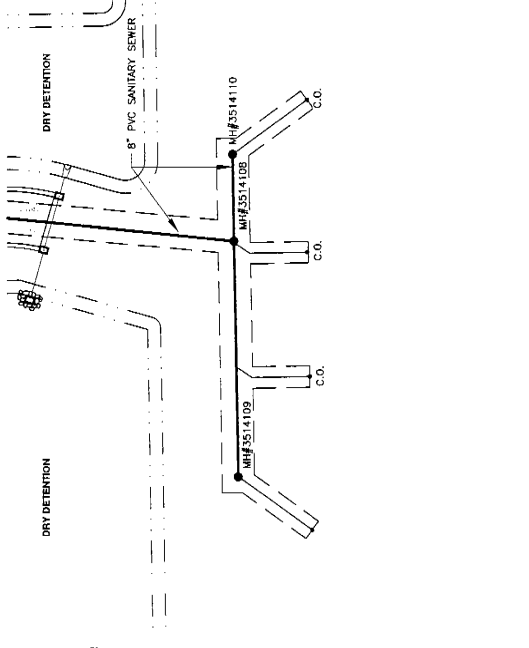
[illegible]

LEGEND

Q. GRADY MINOR & ASSOCIATES, P.A.
 1001 W. 10TH STREET, SUITE 1000, OMAHA, NE 68102
 TEL: 402/342-1100 FAX: 402/342-1101 E-MAIL: QGRADY@NETNET.NE.USA

PLAN & PROFILE
BASE LINE 'A' & BASE LINE 'B'

COUNTY: LEE
SUBMITTAL: D.O. AMEND
DATE: NOVEMBER, 2009
FILE NAME: MOLARDET-PROFILE
SHEET 13 OF 25



FOR CONTINUATION SEE SHEET 16 OF 24

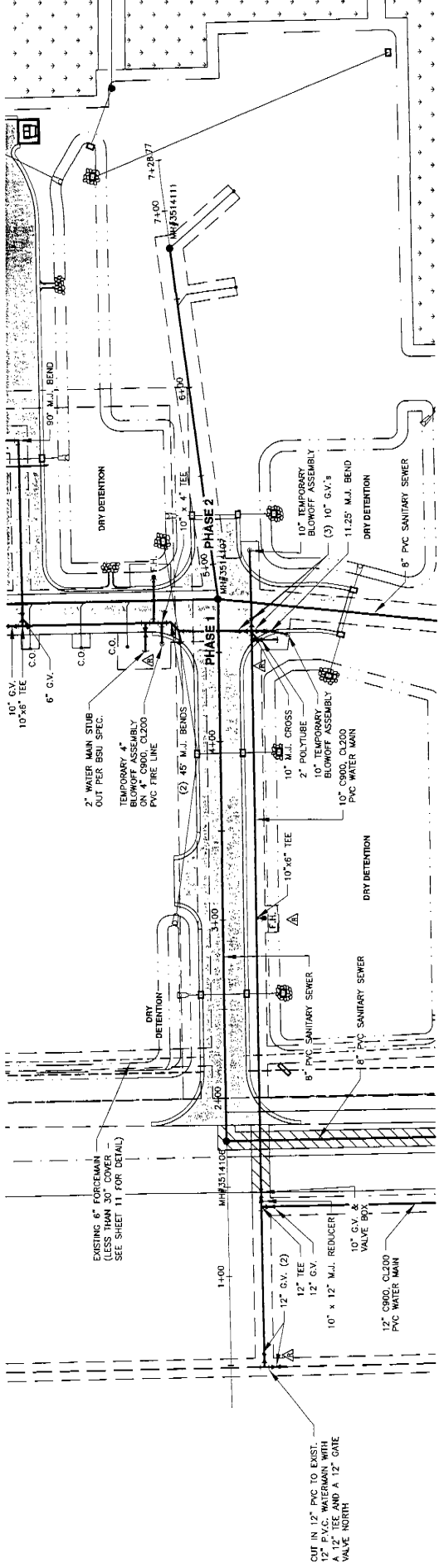
BASE LINE 'F' (PHASE 2)



THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS CONSTRUCTED. THE INFORMATION CONTAINED HEREIN IS BASED ON THE ENGINEER OF RECORDS' CERTIFICATION/OBSERVATIONS AS WELL AS INFORMATION PROVIDED BY THE PROJECT SURVIVOR. FIELD VERIFICATION OF CONDITIONS SHOULD BE UNDERTAKEN PRIOR TO ALTERATIONS OF CONSTRUCTION IN THE PROJECT AREA.

[illegible]

FOR CONTINUATION
SHEET 14 OF 24



NOTE: BSU OWNERSHIP MAINTENANCE
ENDS AT THE FIRST VALVE ON
THE FIRE LINE.

FOR CONTINUATION
SHEET 17 OF 24

FOR CONTINUATION
SHEET 14 OF 24

BASE LINE 'E' (PHASE 1 & 2) (SEE SHEET 11 FOR DETAIL)

RECORD DRAWINGS 04/15/10

THESE RECORD DRAWINGS ARE INTENDED TO BE USED TO VERIFY THE COMPLETED WORK SUBSTANTIALLY AS SHOWN ON THESE RECORD DRAWINGS. THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN OF THE PROJECT. FIELD VERIFICATION OF CONDITIONS SHOULD BE UNDERTAKEN PRIOR TO ALTERATIONS OF CONSTRUCTION IN THE PROJECT AREA.

LEGEND

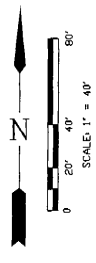
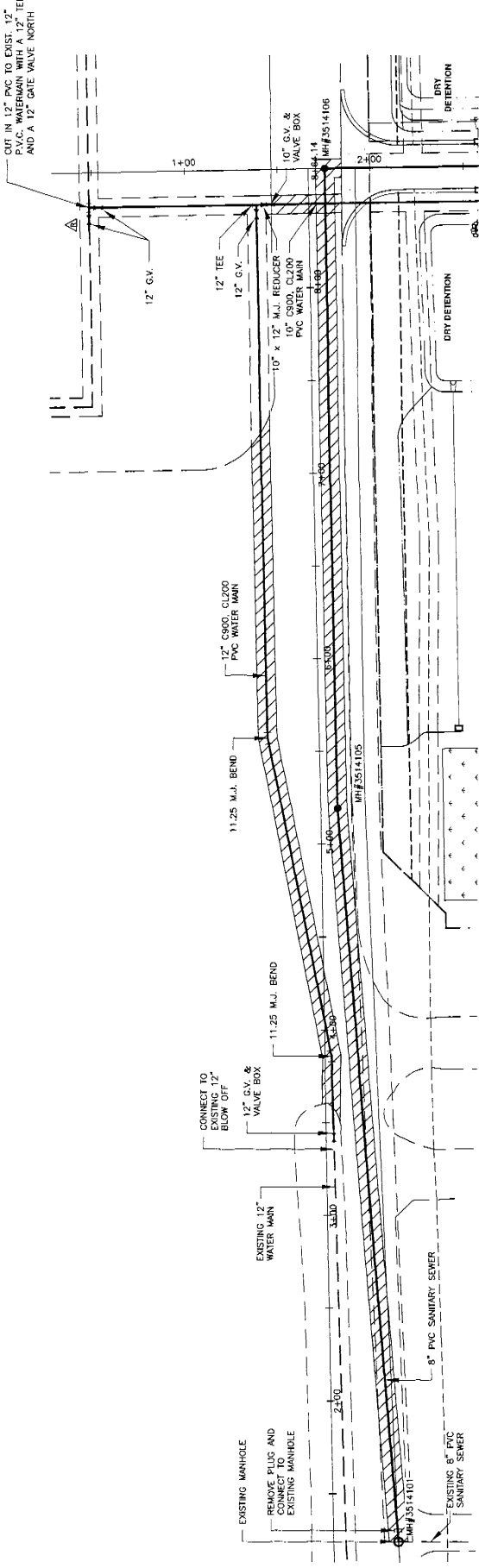
Revision	Date	Description
R2	04/10	BSU RECORD DRAWING REVISIONS
R	04/10	BSU RECORD DRAWING REVISIONS
12	12/09	REVISED PER BSU COMMENTS
11	11/17/09	REVISED PER BSU COMMENTS
10	08/26/09	REVISED PER BSU COMMENTS

DESIGNED BY:	A.F.C.
DRAWN BY:	R.V.J.
APPROVED:	M.M.M.
JOB CODE:	M.M.M.
SCALE:	M.L.A.R.T.O.D.

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(239) 690-4390
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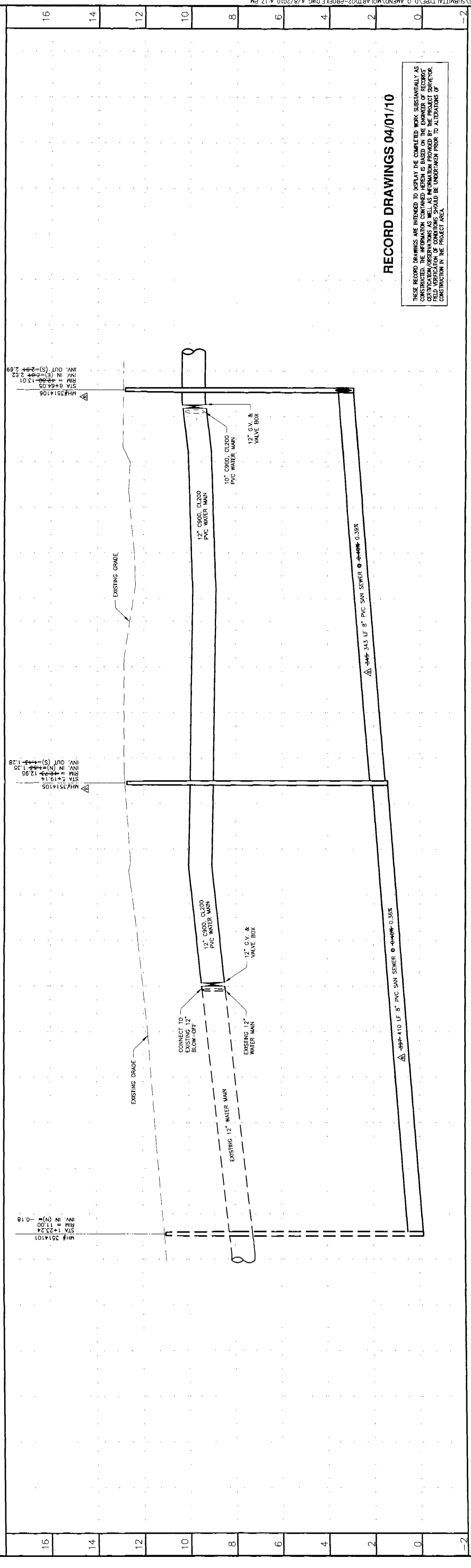
GREYHOUND SQUARE
PRINTED
PLAN & PROFILE
BASE LINE 'E'
APR 16 2010
Q. GRADY MINOR & ASSOCIATES, P.A.
CIVIL ENGINEERS-LAND SURVEYORS

COUNTY: LEE
SUBMITTAL: D.O. AMEND.
DATE: NOVEMBER, 2009
FILE NAME: M01ARTD02-PROFILE
PROJECT: GREYHOUND SQUARE
SHEET 16 OF 25



FOR CONTINUATION
SECT 16 OF 24

BASE LINE 'RACE TRACK ROAD' (PHASE 1)



RECORD DRAWINGS 04/01/10

THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS
CONSTRUCTED. THE INFORMATION CONTAINED HEREIN IS BASED ON THE ENGINEER OF RECORD'S
CERTIFICATION/OBSERVATIONS AS WELL AS INFORMATION PROVIDED BY THE PROJECT SURVEYOR.
THESE RECORDS SHOULD BE MAINTAINED FOR THE PROJECT AREA.

LEGEND

Revision	Date	Description
R	04/10	BSU RECORD DRAWING REVISIONS
12	12/09	REVISED PER BSU COMMENTS
11	11/17/09	REVISED PER BSU COMMENTS
10	08/26/09	REVISED PER BSU COMMENTS

DESIGNED BY:	A.F.C.
DRAWN BY:	R.Y.L.
APPROVED:	M.W.M.
JOB CODE:	MOLARDO
SCALE:	1" = 40'

Q. GRADY MINOR & ASSOCIATES, P.A.
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GREYHOUND SQUARE

PRINTED

PLAN & PROFILE
APR 16 2010
BASE LINE 'RACE TRACK ROAD' (PHASE 1)

COUNTY: LEE
SUBMITTAL: D.O. AMEND.
DATE: NOVEMBER, 2009
FILE NAME: MOLARDO2-PROFILE
MOLARDO2-PROFILE
BONITA SPRINGS, FL 34134
ED: 08/08/09 11:00 AM 4334
SHEET 17 OF 25

SUBDIVISION IMPROVEMENT PLANS
FOR

MEDITERRA
UNIT TWO ROADWAY

COLLIER COUNTY F.S.P. NO. AR-295

LEE COUNTY DEVELOPMENT ORDER NO. DOS2001-00008

PART OF SECTIONS 1, 2, 11 AND 12, TOWNSHIP 48 SOUTH, RANGE 25 EAST
LEE / COLLIER COUNTY, FLORIDA

OWNER/DEVELOPER

LONG BAY PARTNERS, LLC
3451 BONITA BAY BOULEVARD, S.W.
SUITE 202
BONITA SPRINGS, FLORIDA 34134-4395
PHONE (239) 495-1000
FAX (239) 992-2672

RECORD DRAWINGS

CERTIFICATION BY ENGINEER

THESE RECORD DRAWINGS (UTILITIES ONLY)
ARE BASED UPON MARKED-UP PRINTS, DRAWINGS
AND OTHER DATA PROVIDED BY GUTMANN
CONSTRUCTION ON FEBRUARY 13, 2002.

BARRACO AND ASSOCIATES, INC.

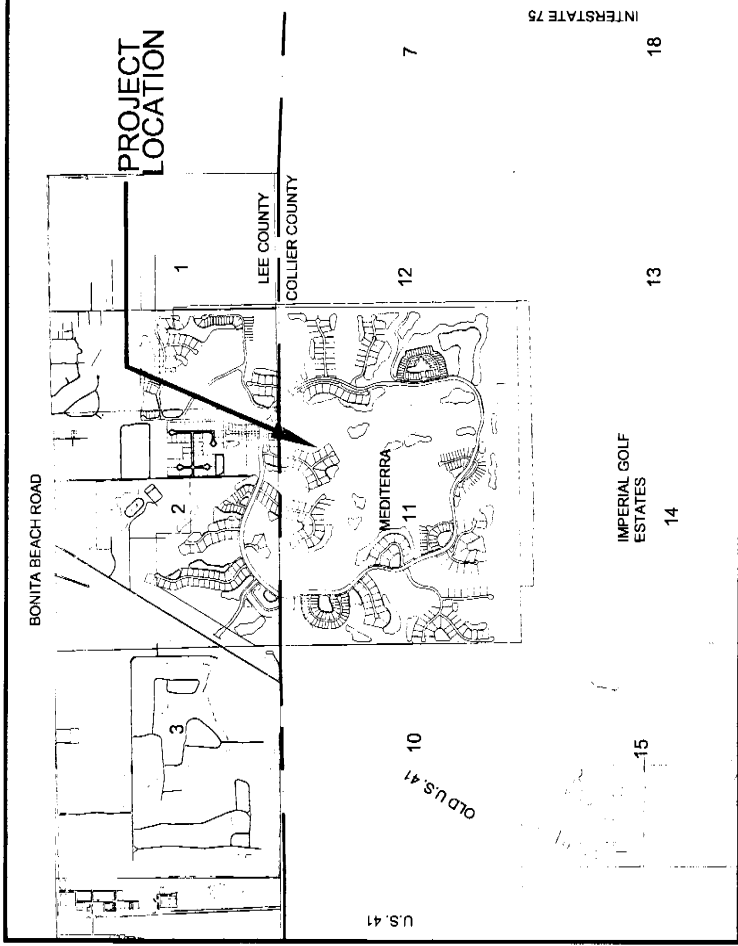
CARL A. BARRACO

REGISTERED PROFESSIONAL ENGINEER

FLORIDA CERTIFICATE NO. 38536

FOR THE FIRM

5-10-03



VICINITY MAP

0 1000 2000 4000
SCALE IN FEET



INDEX OF PLANS

SHEET NO.	DESCRIPTION	XREF	DRAWING NAME(S)
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2	SHEET INDEX - CLEARING PLAN AND NOTES	C	21501A02.DWG
3	MASTER SITE PLAN (NORTHWEST)	B	21501A03.DWG
4	MASTER SITE PLAN (SOUTHWEST)	B	21501A04.DWG
5	MASTER SITE PLAN (EAST) AND UTILITY NOTES	B	21501A05.DWG
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17-19	PLAN AND PROFILES (ENTRANCE ROAD)	B,D	21501A32-32C.DWG
20-22	PARCEL 114 WATER MAIN PLAN	B,D	21501A33A-33C.DWG
23-26	PLAN AND PROFILES (OLD U.S. 41)	B,D	21501A35-A38.DWG
27	PUMP STATION PLAN AND PROFILES	B,D	21501A40.DWG
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33	COLLIER COUNTY SEWER DETAILS		21501A56.DWG
34	COLLIER COUNTY UTILITY DETAILS		21501A57.DWG
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39	B.S.U. WASTEWATER DETAILS		21501A62.DWG
40	B.S.U. PUMP STATION DETAILS		21501A63.DWG
41-42	RESOURCE CONSERVATION SYSTEMS DETAILS		21501A64-A65.DWG
43	MISCELLANEOUS AND EROSION CONTROL DETAILS		21501A70.DWG
44	GRINDER PUMP STATION DETAILS		21501A71.DWG
45	AERIAL PHOTOGRAPH		21501A72.DWG

CROSS-REFERENCED DRAWINGS:

XREF NO.	DESCRIPTION	DRAWING NAME
A	LOCATION MAP - COLLIER COUNTY DISTRICT 2	CD2.DWG
B	BASE LINEWORK PLAN	MED-BASE00.DWG
C	HATCH LINE WORK	CLEARING-BASE.DWG
D	PROFILE LINE WORK	21501A20.DWG
E	PROFILE LINE WORK	21501A90.DWG

NOTE: THESE CONSTRUCTION PLANS WERE PREPARED AS PART OF THE CONTRACT DOCUMENTS FOR THE REFERENCED PROJECT. TECHNICAL SPECIFICATIONS AND ANY ADDITIONAL SUPPLEMENTS TO THE CONTRACT DOCUMENTS SHOULD BE REVIEWED FOR MATERIAL CONSTRUCTION, TESTING AND PERMIT REQUIREMENTS PRIOR TO BIDDING. THIS PLAN SET IS NOT APPROVED FOR CONSTRUCTION UNLESS IT IS SPECIFICALLY INDICATED SO IN THE 'PLAN STATUS' PORTION OF THE TITLE BLOCK.

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FLORIDA CERTIFICATE OF AUTHORIZATION
ENGINEERING 7995 - SURVEYING 15-6940
PREPARED FOR



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BONITA SPRINGS, FLORIDA 34135-9488

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PROJECT DESCRIPTION

MEDITERRA
UNIT TWO

NORTH
LOOP ROAD

PART OF SECTIONS 1, 2, 11 AND 12
TOWNSHIP 48 SOUTH
RANGE 25 EAST
LEE / COLLIER COUNTY, FLORIDA

PROJECT ENGINEER

ENGINEER OF RECORD
CARL A. BARRACO, P.E.
2771 MCGREGOR BOULEVARD
FORT MYERS, FLORIDA 33901
FLORIDA P.E. NO. 38536

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FILE NAME: 21501A01.DWG

LAYOUT: LAYOUT1

LOCATION: 121501DWG

LOCATION DATE: THU 8/7/2003 - 10:23 AM

PLANT BY: CARL BARRACO, JR.

DESIGN BY: ROWEITL

XREF1: VICINITY MAP - CD2.DWG

XREF2:

XREF3:

XREF4:

XREF5:

XREF6:

PLAN REVISIONS

3-18-2001 REVISIONS PER LEE AND COLLIER

COUNTIES AND BONITA SPRINGS

UTILITIES: 1

5-21-01 ADDED REST SHEET UTILITY

INFORMATION: 2

PLAN STATUS

UTILITY RECORD DRAWINGS

DATED 2-13-2002 9-24-2002

COVER SHEET
AND
LOCATION MAP

PROJECT / FILE NO.

21501

SHEET NUMBER

1.2.11.12-48-25

1

PROJECT DESCRIPTION	MEDITERRA UNIT TWO NORTH LOOP ROAD PART OF SECTIONS 1, 2, 11 AND 12 TOWNSHIP 34 NORTH RANGE 45 EAST LEE / COLLIER COUNTY, FLORIDA
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DESIGN BY	RMW/CTD
PLOT BY	CARL BARRACO JR
PLOT DATE	THU 8-7-2003 - 10:37 AM

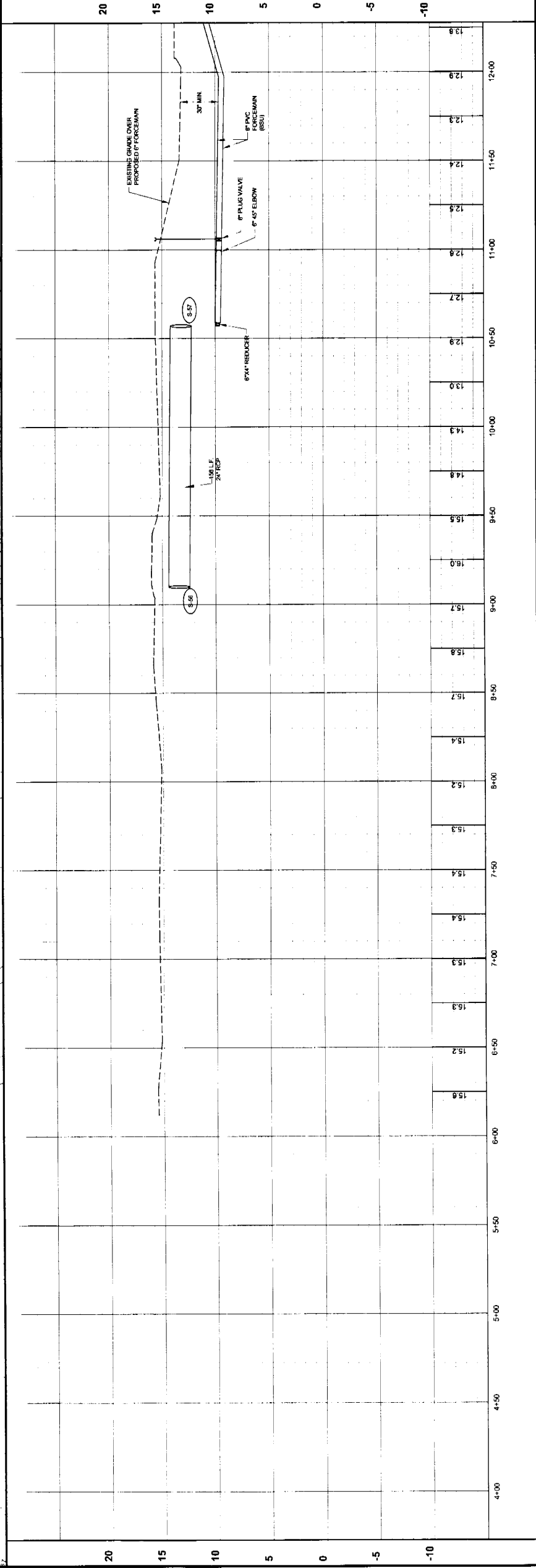
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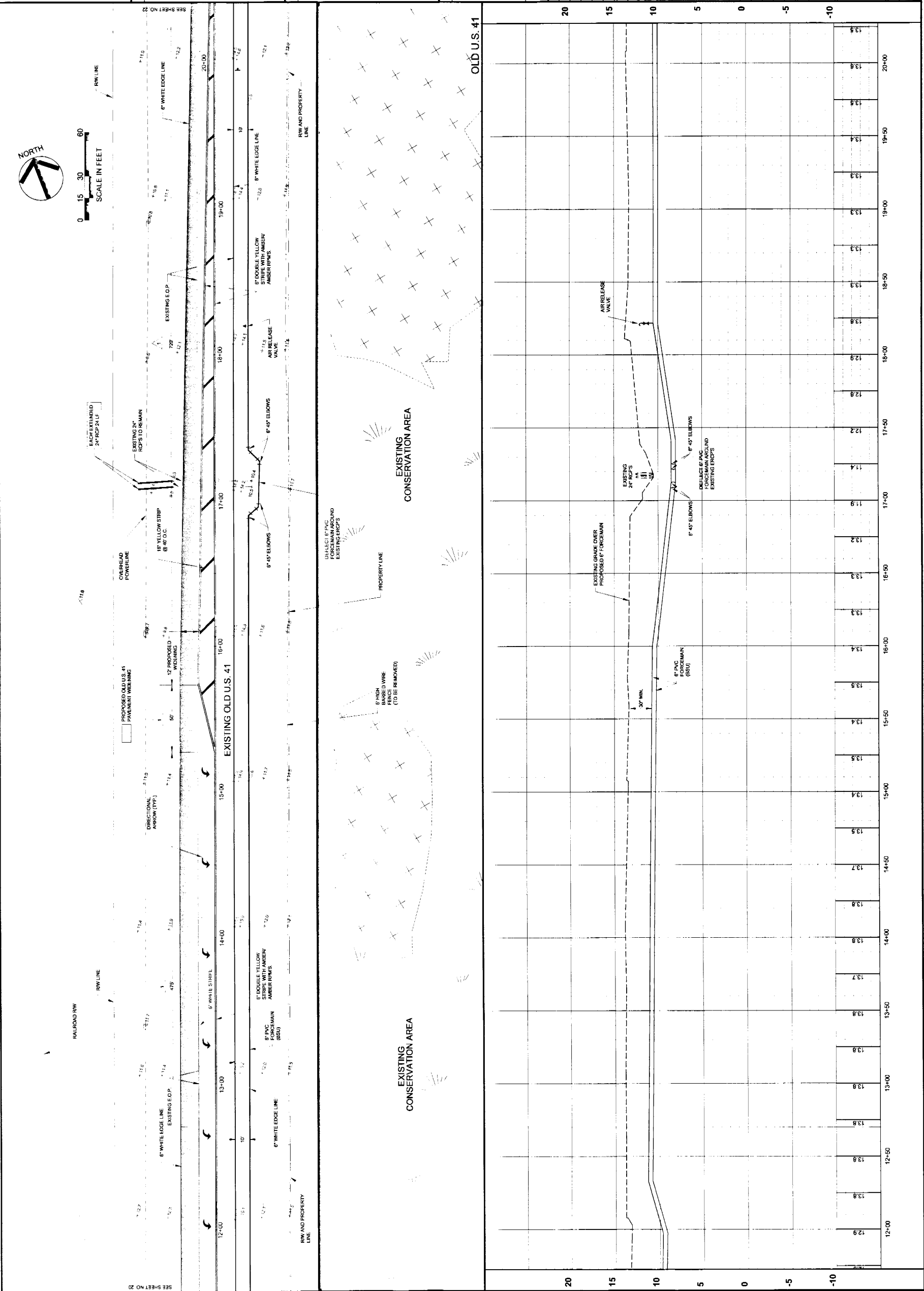
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1. NAME OF THE COMPANY 2. ADDRESS 3. CITY 4. STATE 5. ZIP		6. DATE 7. BY 8. FOR
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**PLAN AND PROFILE
FOR OLD U.S. 41**

21501	23
1,2,11,12-48-25	





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PROJECT DESCRIPTION

**MEDITERRA
UNIT TWO**

NORTH
LOOP ROAD

PART OF SECTIONS 1, 2, 11 AND 12
TOWNSHIP 48 SOUTH
RANGE 25 EAST
LEE / COLLIER COUNTY, FLORIDA

PROJECT ENGINEER

ENGINEER OF RECORD:
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W.P. June 8-11-03

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LAYOUT	LAYOUT1
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PLOT BY	CARL BARBARO JR
DESIGN BY	REDWGL
XREF1	BASEPLAN - MED SANSE00.DWG
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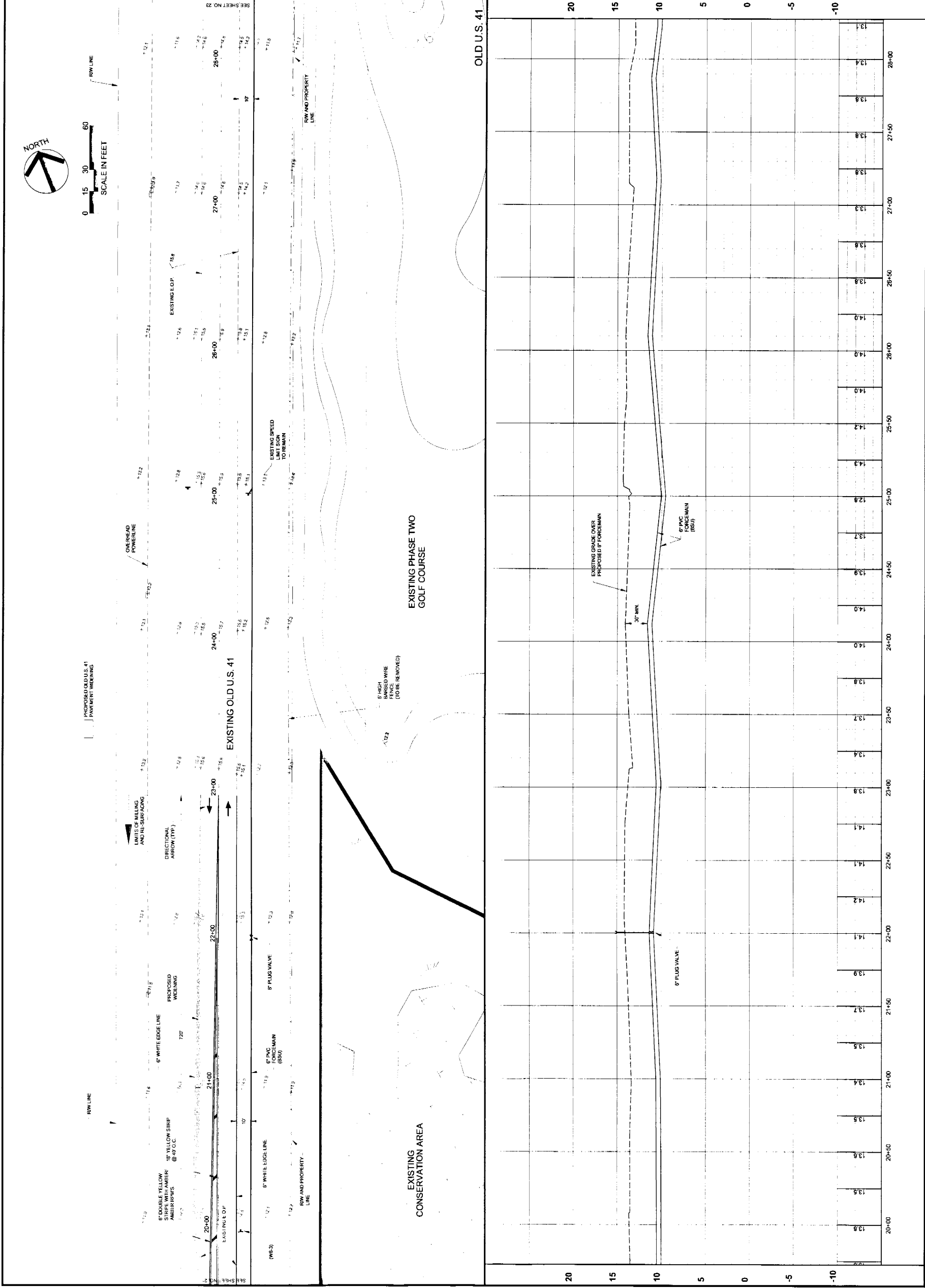
PLAN REVISIONS

PLAN STATUS

UTILITY RECORD DRAWINGS

PLAN AND PROFILE
FOR OLD U.S. 41
STA. 20+00 TO 28+00

PROJECT / FILE NO.	SHEET NUMBER
21501 1,2,11,12-48-25	25



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PROJECT DESCRIPTION

MEDITERRA
UNIT TWO

NORTH
LOOP ROAD

PART OF SECTIONS 1, 2, 11 AND 12
TOWNSHIP 48 SOUTH
RANGE 26 EAST
LEE / COLLIER COUNTY, FLORIDA

ENGINEER OF RECORD
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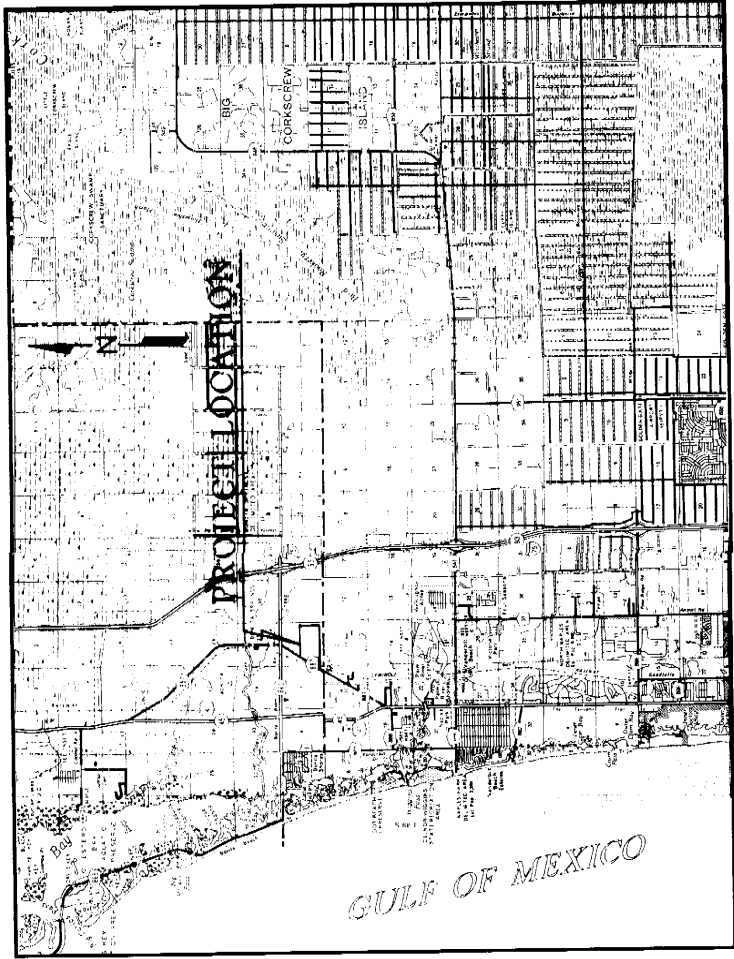
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DESIGN BY: TOM HOULAND
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CONSTRUCTION PLANS

FOR

NAPLES/FORT MYERS GREYHOUND TRACK
LIFT STATION AND FORCE MAIN EXTENSION

LOCATED IN
SECTION 2, T. 48S., R. 25E.
LEE COUNTY, FLORIDA



INDEX OF PLANS	
SHEET No.	DESCRIPTION
-	COVER
1-2	BOUNDARY SURVEY
3-4	AERIAL PHOTOGRAPH
5	FORCE MAIN PROFILE SHEET
6	UTILITY DETAILS SHEET
7-8	LIFT STATION DETAILS

RECORD DRAWING

CERTIFICATION BY ENGINEER

THE ATTACHED RECORD DRAWINGS,
SHEETS 1 THROUGH 8 ARE BASED
ON THE MARKED UP PRINTS, DRAWINGS
AND OTHER DATA FURNISHED BY
FLORIDA STATE UNDERGROUND
ON AUGUST 25, 1993.

JOHNSON ENGINEERING, INC.

Stacy K. M. J. M. 8/26/93
REGISTERED PROFESSIONAL ENGINEER DATE
FLORIDA CERTIFICATE NO. 31153
FOR THE FIRM

PREPARED BY

JOHNSON ENGINEERING, INCORPORATED
CIVIL ENGINEERS
FORT MYERS, FLORIDA
LAND SURVEY 1985

JANUARY 1993



PARCEL 4. The South 200 feet of the North 300 feet of the SE-1/4 of the NW-1/4 of Section 2, Township 48 South, Range 25 East, lying east of Tamland Trail; less the East 66 feet thereof;

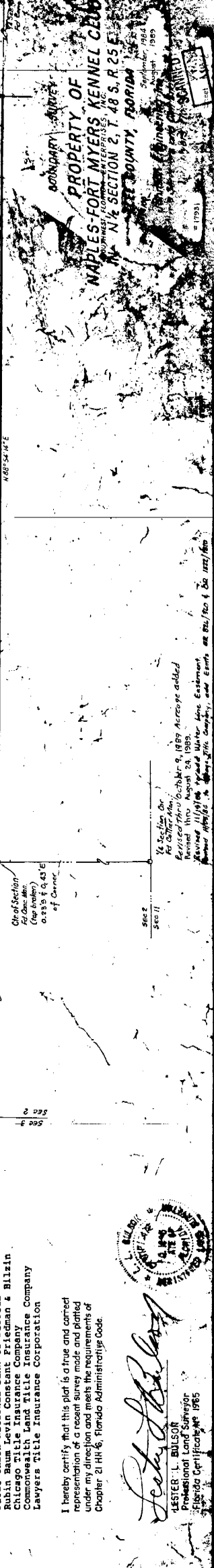
And

PARCEL 5. The South 200 feet of the North 500 feet of the SE-1/4 of the NW-1/4 east of U. S. 41 right-of-way; and less the East 66 feet thereof;

And

PARCEL 6. The North 100 feet of the N-1/2 of the SE-1/4 of the NW-1/4 lying east of U. S. 41 right-of-way; also the East 66 feet of the North 500 feet of the N-1/2 of the SE-1/4 of the NW-1/4 of Section 2, Township 48 South, Range 25 East, lying and being in Lee County, Florida.

MATCH LINE →

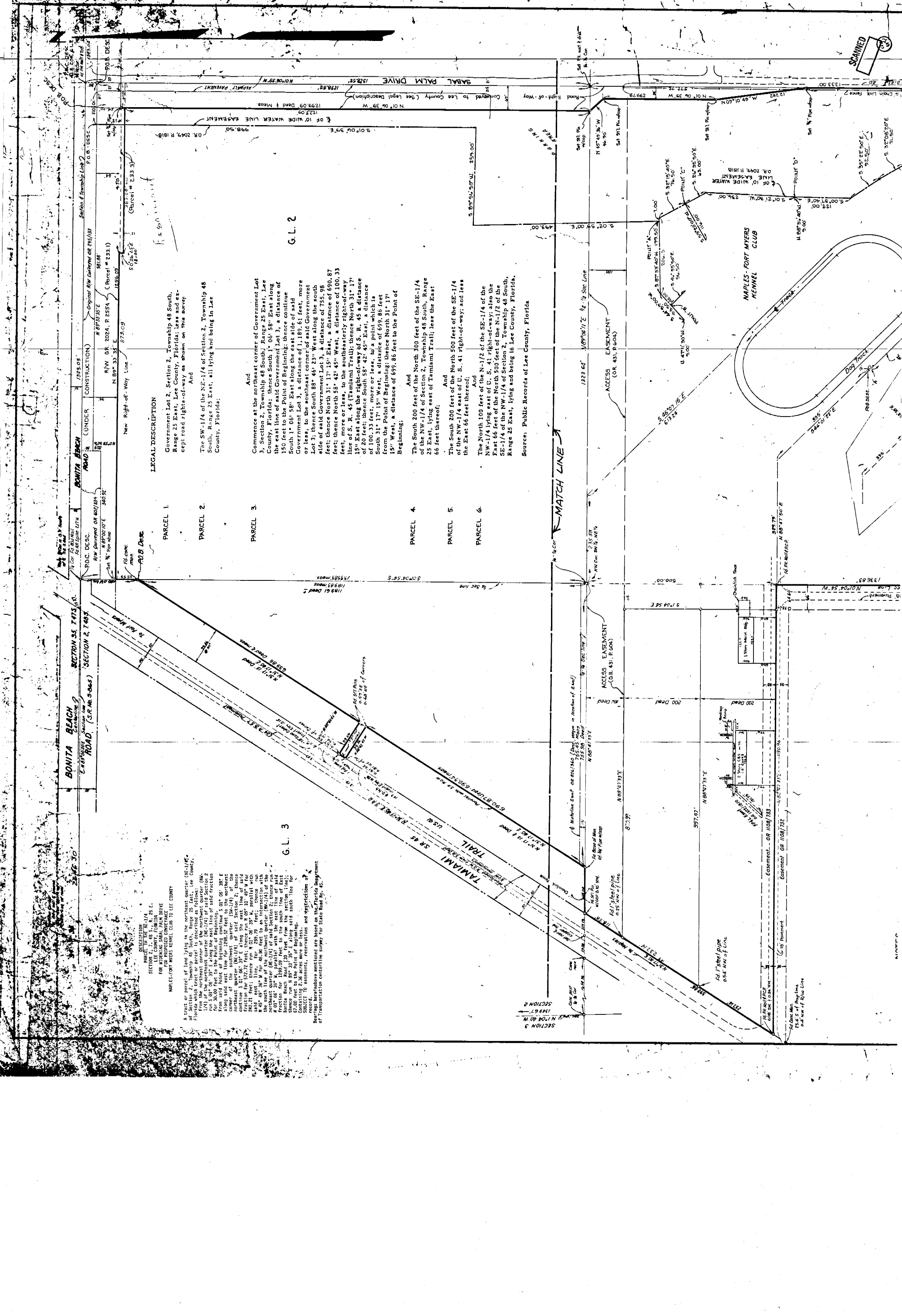


1. This survey is not valid without embossed seal.
2. This survey does not make any representations as to zoning or development restrictions on subject parcel.
3. All substantial improvements are shown herein, or on sheet 2. There are no buildings or structures encroaching on any easements shown herein.
4. There are no visible encroachments other than as shown. No buildings or structures encroach on or off property.
5. This survey is subject to all existing and future easements and any Commitment No. 8C-177033.
6. According to EIRMA, Community Pinal 182314 OSD B, effective 9/19/84, parcel is in Flood Zone B.
7. Bannings shown are from the centerline survey for State Road No. 45.
8. Bannings shown are from the centerline survey for Santa Beach Road Southwest.
9. Street 2 is an aerial photograph taken August 24, 1989 by Johnson Engineering, Inc.
10. Street 1 is a street map of the City of Phoenix, Arizona, D.B. 2-127, P. 267, O.B. 897, P. 406 and O.B. 94.
11. Parcels 1 through 6 described above are contiguous tracts of land causing no hiatus or overlaps.
12. Total Parcel is shown on Triples (pg. 029) Acres

To: Southwest Florida Enterprises, Inc.
Bonita-Port Myers Corporation
First Union National Bank of Florida
Rubin Baum Levin Constant Friedman & Billin
Chicago Title Insurance Company
Commonwealth Land Title Insurance Company
Lawyers Title Insurance Corporation

I hereby certify that this plat is a true and correct representation of a recent survey made and plotted under my direction and meets the requirements of Chapter 21 HH-6, Florida Administrative Code.


LESTER L. BULSON
Professional Land Surveyor
Florida Certificate No. 19865



SECTION 2, T. 48 S., R. 25 E.
SECTION 3, T. 48 S., R. 25 E.

BONITA BEACH ROAD
TAMiami TRAIL
SABAL PALM DRIVE

NAPLES-FORT MYERS KENNEL CLUB
ACCESS EASEMENT
MATCH LINE

SECTION 2, T. 48 S., R. 25 E.
SECTION 3, T. 48 S., R. 25 E.

BONITA BEACH ROAD
TAMiami TRAIL
SABAL PALM DRIVE

NAPLES-FORT MYERS KENNEL CLUB
ACCESS EASEMENT
MATCH LINE

SECTION 2, T. 48 S., R. 25 E.
SECTION 3, T. 48 S., R. 25 E.

BONITA BEACH ROAD
TAMiami TRAIL
SABAL PALM DRIVE

NAPLES-FORT MYERS KENNEL CLUB
ACCESS EASEMENT
MATCH LINE

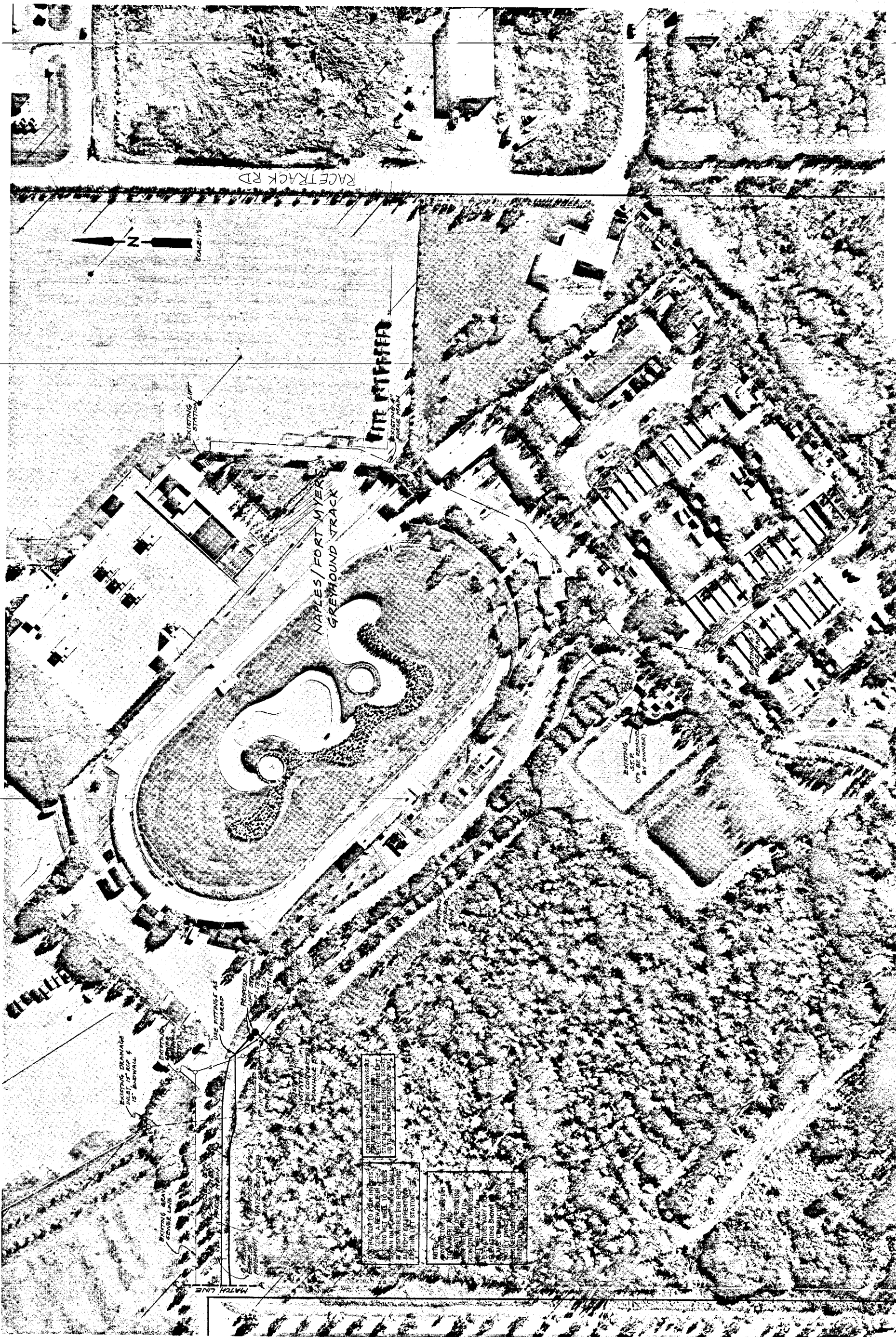
SECTION 2, T. 48 S., R. 25 E.
SECTION 3, T. 48 S., R. 25 E.



JOHNSON ENGINEERING, INC.
CIVIL ENGINEERS - LAND SURVEYORS
2155 JOHNSON STREET, POST OFFICE BOX 1550, FORT PETERS, FLORIDA, 33902-1550, PHONE 813-334-0046

DATE: JANUARY 1993
PROJECT NO.: 8550
SCALE: 1" = 50'
FILE NO.: 2-48-25
SHEET: 1 OF 1
DRAWN BY: J. JOHNSON
CHECKED BY: J. JOHNSON
APPROVED BY: J. JOHNSON

FLIGHT DATE: 1-20-86



JOHNSON ENGINEERING, INC.

CIVIL ENGINEERS LAND SURVEYORS

2109 JOHNSON STREET, P.O. BOX 1550, FORT MYERS, FLORIDA 33902-1550, P.A. 1550

DATE: JANUARY 1993

PROJECT NO.: 9550

SCALE: 1" = 50'

FILE NO.: 2-40-25

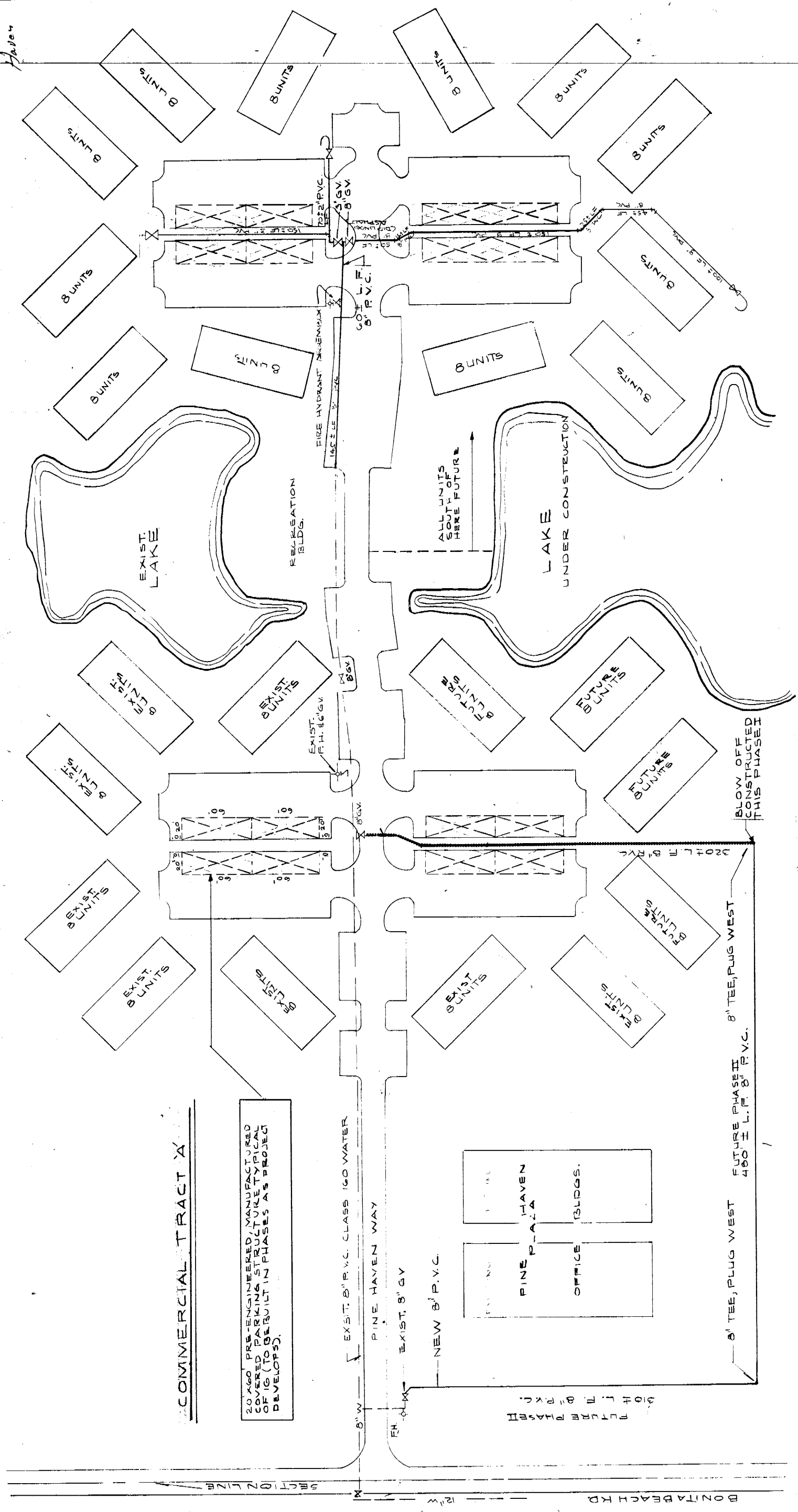
3465

CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

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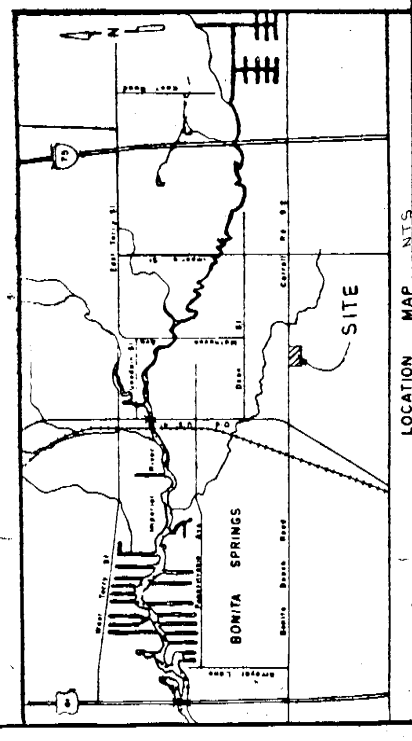
PLATE 3-FULL CROSS SECTION FULL LINE
HIGHWAY FEDERAL AID SHEET
1ST TELETYPE
PRINTED IN U.S.A.



PRINTED
AUG 11 1995

AS-BUILT	7/3/01
PINE HAVEN CONDOMINIUM	
WATER DISTRIBUTION PLAN	

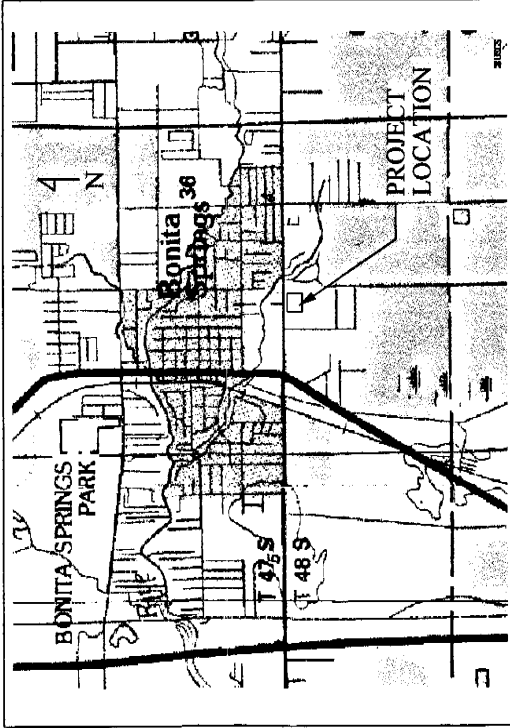
Q. GRADY MINOR AND ASSOCIATES
CIVIL ENGINEERS - (813) 947-1144
10911 BONITA BEACH RD, S.E. - BONITA SPRINGS, FL 33423
DRAWN BY H. CHECKED BY M. APPROVED BY M. SCALE: 1"=10'-0"
DATE: FEBRUARY, 1988
DRAWING NUMBER: OF 2

[illegible]

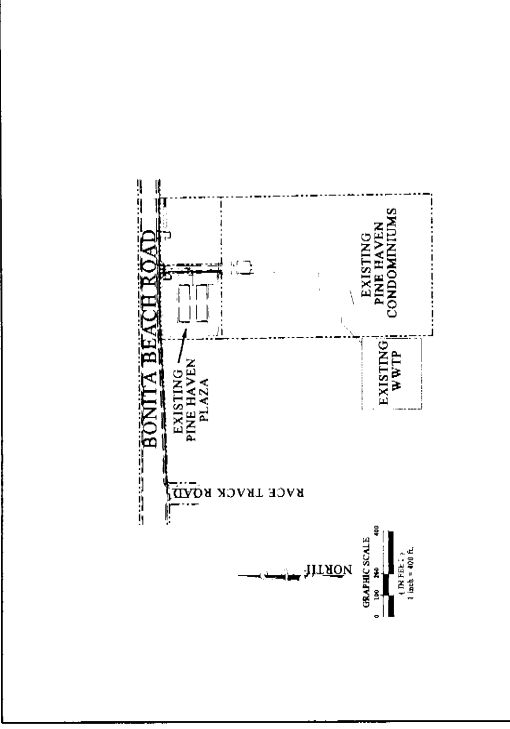
LOCATION	MAP	N.T.S.

PINE HAVEN FORCE MAIN / LIFT STATION DESIGN PLANS

LEE COUNTY, FLORIDA
SECTION 2, TOWNSHIP 48 S, RANGE 25 E



LOCATION MAP



SITE MAP

PREPARED FOR
**PINE HAVEN CONDOMINIUM
ASSOCIATION, INC.**

P.O. Box 366994
BONITA SPRINGS, FLORIDA 34136

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	AERIAL
3	MASTER PLAN
4	PLAN and PROFILE
5	B.S.U. WATER / SEWER DETAILS
6	B.S.U. LIFT STATION DETAILS

APPROVED
BY *[Signature]*
BONITA SPRINGS UTILITIES, INC.
LINE OFFICIAL COMMITTEE
DATE 5/17/01

SEWER RECORD DRAWINGS

DATE: MAY 28, 2001
THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE
CONTRACTOR'S WORK SUBSTANTIALLY AS CONSTRUCTED.
THEY ARE BASED ON DATA FURNISHED BY THE CONTRACTOR
TO THE ENGINEER. FIELD VERIFICATION OF CONDITIONS AND
LOCATIONS SHOULD BE UNDERTAKEN PRIOR TO ALTERATIONS
OR CONSTRUCTION IN THE PROJECT AREA.

STEVENSON & LAYTON
CONSTRUCTION, INC.
CONTRACTOR
HEDRICH ENGINEERING, INC.
ENGINEER
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED
SEAL OF A FLORIDA REGISTERED ENGINEER.

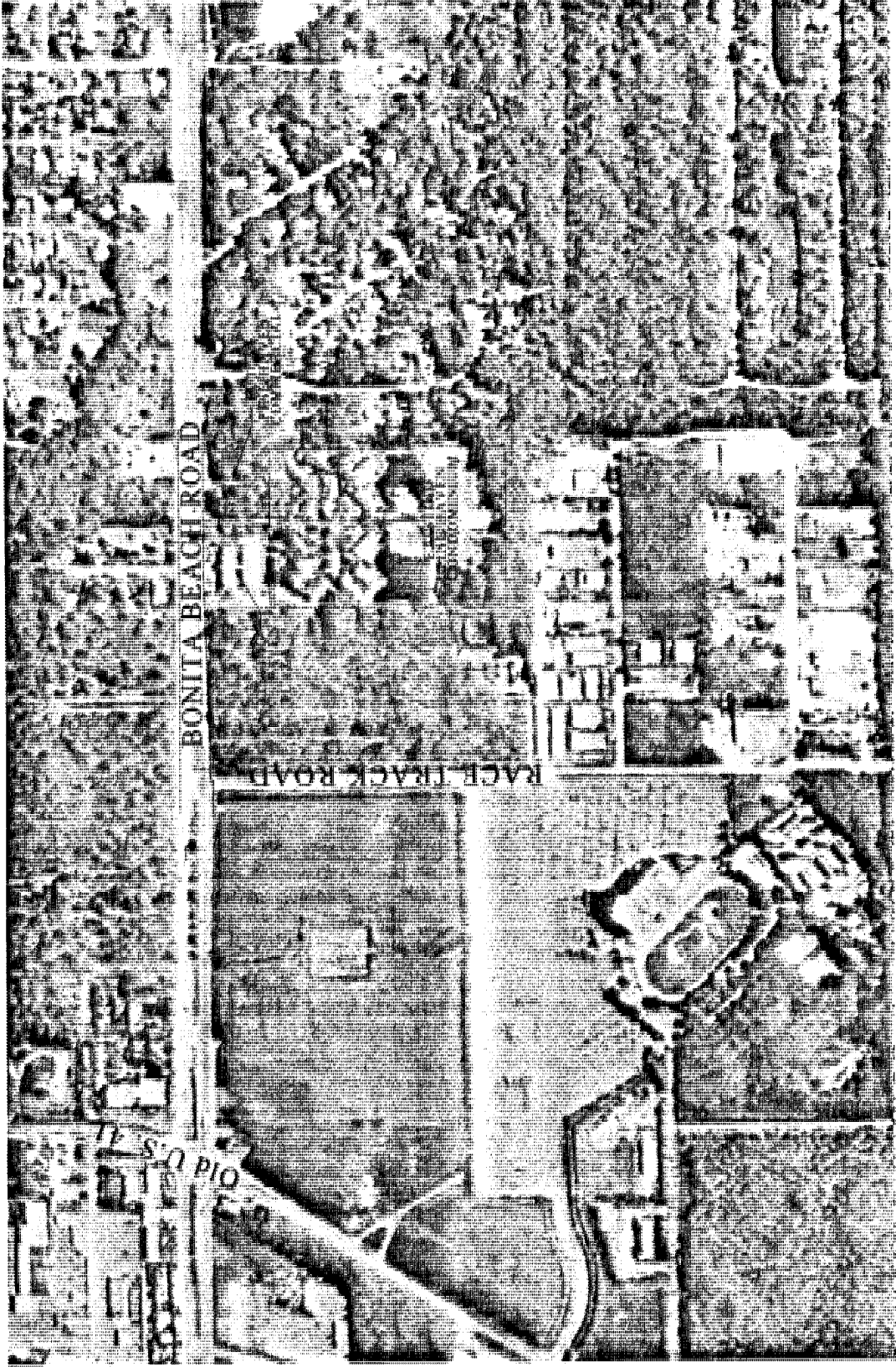
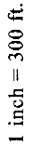
05/28/2001 SRW Δ - RECORD DRAWINGS
01/12/2001 SRW Δ - REVISED PER LEE COUNTY DOT
12/11/2000 SRW Δ - REVISED PER BSU COMMENTS

HEDRICH ENGINEERING, INC.

10911 BONITA BEACH ROAD, SUITE 1021
BONITA SPRINGS, FLORIDA 34135
PHONE: 941.495.5766, FAX: 941.947.4531
EMAIL: HedrichEng@HedrichGroup.com
WEB SITE: www.HedrichGroup.com

PHPCV DGN 11/21/2000

[Signature]
5/29/2001
FL Reg # 57657
FL Cert # EV-7926

SEWER
RECORD DRAWINGS

DATE: MAY 15, 2001

THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS CONSTRUCTED. THEY ARE BASED ON DATA FURNISHED BY THE CONTRACTOR TO THE ENGINEER. FIELD VERIFICATION OF CONDITIONS AND LOCATIONS SHOULD BE UNDERTAKEN PRIOR TO ALTERATIONS OR CONSTRUCTION IN THE PROJECT AREA.

STEVENS & LAYTON

CONTRACTOR

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA REGISTERED ENGINEER.

[illegible]

SUBMITTAL	DATE
CITY OR COUNTY	
W.M.D.	
FINAL APPROVAL	
BID SET	
RECORD	

HEDRICH ENGINEERING, INC.

10911 BONITA BEACH ROAD, SUITE 1021
BONITA SPRINGS, FLORIDA 34135
PHONE: 941.495.5766; FAX: 941.947.4531
EMAIL: HedrichEng@HedrichGroup.com
WEB SITE: www.HedrichGroup.com

**PINE HAVEN CONDOMINIUM
ASSOCIATION, INC.**

**P.O. BOX 366994
BONITA SPRINGS, FLORIDA 34136
PHONE: 941.948.5638**

LEE COUNTY

FLORIDA

AERIAL

PINE HAVEN FORCE MAIN / LIFT STATION

DESIGNED	SRW
CHECKED	BCH
DATE	11/21/2000
SCALE	1" = 300'
PROJECT NO.	PHW/WTP
FILE NAME	Aerial.dgn
SHEET	2 OF 6

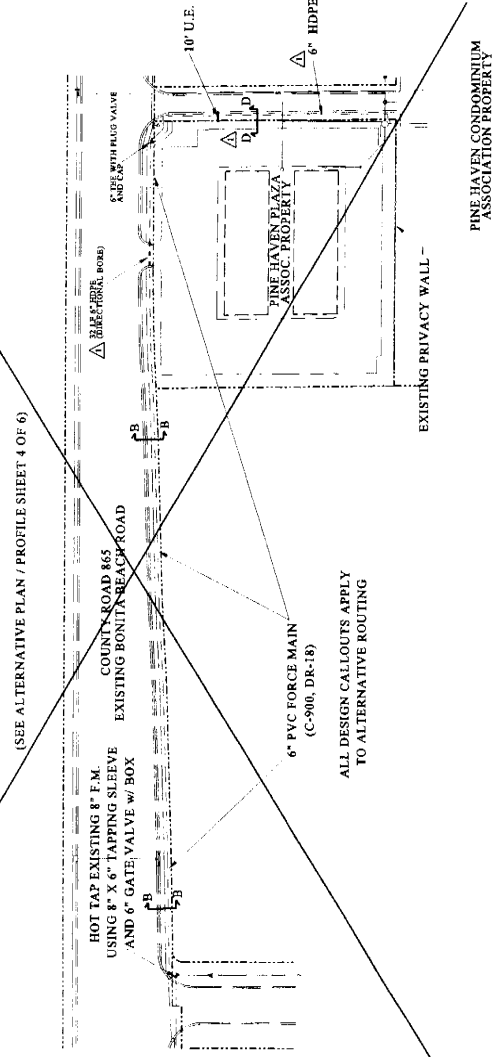
GENERAL UTILITY NOTES

1. ALL ELEVATIONS FEET-NOVD, NATIONAL VERTICAL GEODETIC DATUM 1929.
2. CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY UNDERGROUND WORK.
FLORIDA POWER & LIGHT 941 992-2222
SPRINT TEL PHONE 800 942-2222
BONITA SPRINGS UTILITIES 941 992-0711
MEDIA ONE 941 732-3201
3. ALL DISTURBED LANDSCAPING TO BE REPLACED WITH PLANTS CONSISTENT WITH ORIGINAL TYPES AND SIZES.
4. EXISTING FACILITIES DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO THE SATISFACTION OF THE FACILITY OWNERS AT COST OF THE CONTRACTOR.
5. ALL UTILITY CONSTRUCTION AND CONSTRUCTION MATERIALS TO BE IN CONFORMANCE WITH CURRENT B.S.U. SPECIFICATIONS.
6. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE APPROXIMATE.
7. UTILITY CONTRACTOR TO CONFIRM EXISTING UTILITY LOCATIONS PRIOR TO START OF CONSTRUCTION.
8. CONTRACTOR TO CONTACT B.S.U. A MINIMUM OF 48 HOURS IN ADVANCE, FOR ALL CONSTRUCTION METHODS REQUIRING B.S.U. OBSERVATION.
9. CONTRACTOR RESPONSIBLE FOR ALL REQUIRED TESTING PER B.S.U. UTILITY SPECIFICATIONS OF ALL REQUIRED MAINTENANCE.
10. CONTRACTOR TO PROVIDE ALL REQUIRED TESTING OF CONSTRUCTION METHODS, (E.TRENCH BACKFILL DENSITY TESTING, HYDROSTATIC TESTING PER B.S.U. REQUIREMENTS (REFER TO B.S.U. SPECS))
11. ALL SANITARY SEWER FORCEMAIN PIPE LESS THAN 14" IN DIA. TO BE GREEN, PVC C900 DR 18 EXCEPT FOR UNDER ROADWAYS WHERE GREEN, PVC C900 DR14 WILL BE PLACED (REFER TO B.S.U. SPECS)
12. CONTRACTOR SHALL OBTAIN CERTIFICATE(S) OF INSPECTION FROM THE PIPE MANUFACTURER(S) FOR ALL TYPES OF PIPE PLACED
13. CONTRACTOR TO PROMPTLY NOTIFY ENGINEER OF INTENT TO DEVIATE, IN ANY WAY, FROM DESIGN PRIOR TO INSTALLATION OF FACILITIES
14. CONTRACTOR SHALL PREPARE AS-BUILT DOCUMENTATION TO INCLUDE ALL FACILITIES LOCATIONS, DIMENSIONS, DEVIATIONS AND ELEVATIONS TO PROVIDE TO ENGINEER FOR PURPOSE OF GENERATING ACCURATE RECORD DRAWINGS
15. CONTRACTOR TO PROVIDE ALL NECESSARY DOCUMENTATION REQUIRED FOR CONVEYANCE OF CONSTRUCTED / IMPROVED FACILITIES TO B.S.U.
16. CONTRACTOR TO SUBMIT 4 COPIES OF ALL SHOP DRAWINGS TO ENGINEER FOR REVIEW
17. CONTRACTOR TO MAKE NECESSARY PROVISIONS DURING CONSTRUCTION PROCESS TO AVOID EXISTING SEWER SERVICE INTERRUPTION

GENERAL NOTES

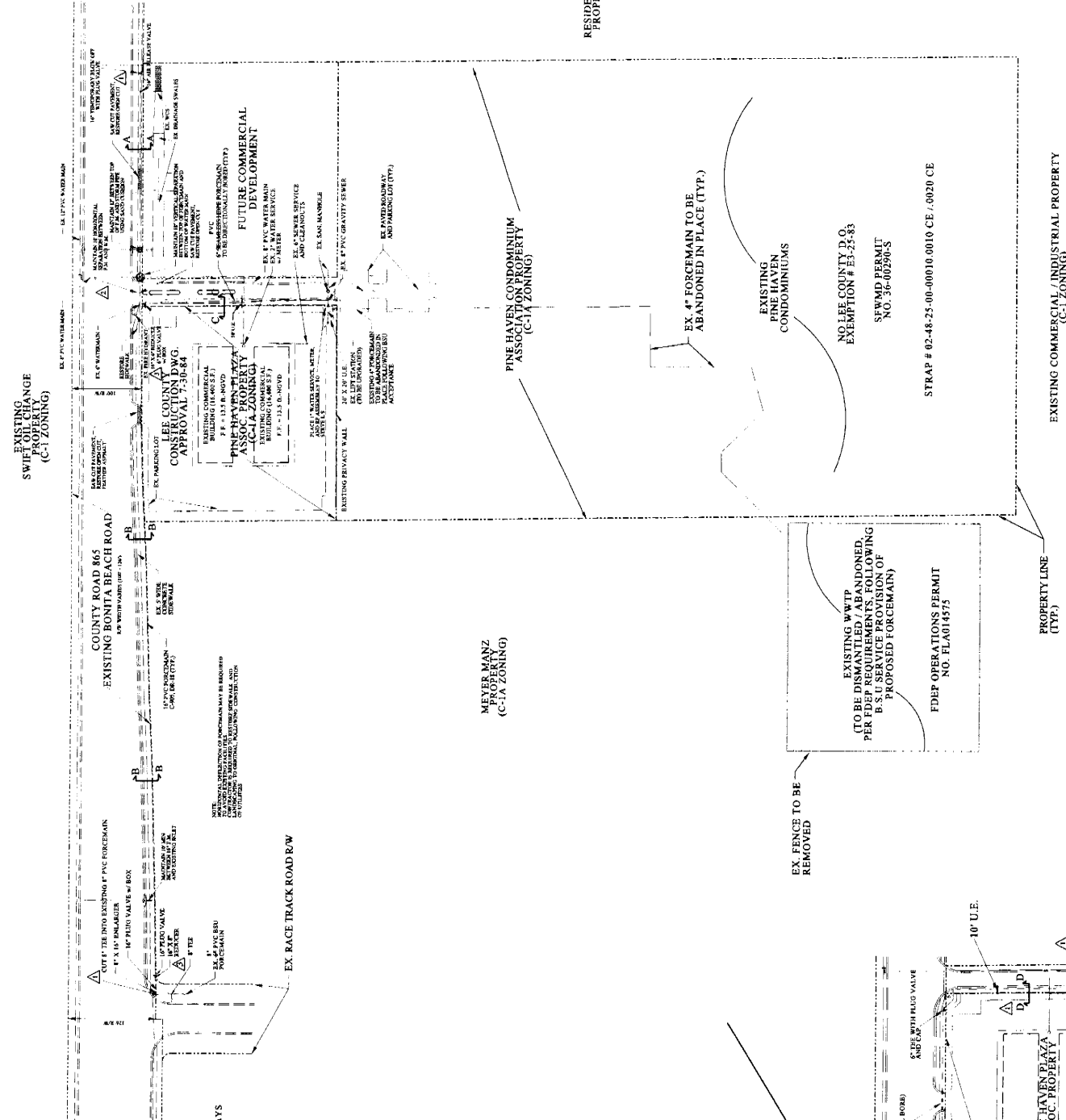
1. ALL ELEVATIONS FEET-NOVD, NATIONAL VERTICAL GEODETIC DATUM 1929
2. CONTRACTOR SHALL USE DESIGNATED CONSTRUCTION ACCESS AND MATERIALS STORAGE LOCATIONS AS DIRECTED BY OWNER
3. CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF TRAFFIC CONTROL WITHIN RIGHTS-OF-WAY WHERE CONSTRUCTION OCCURS. TRAFFIC CONTROL MAINTENANCE TO CONFORM TO THE CURRENT FLORIDA MANUAL OF UNIFORM TRAFFIC CONTROL
4. CONTRACTOR TO RESTORE ALL AREAS OF DISTURBANCE RESULTING FROM CONSTRUCTION ACTIVITIES TO A STATE CONSISTENT WITH THAT OF THE ORIGINAL
5. EXISTING FACILITIES DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO THE SATISFACTION OF THE FACILITY OWNERS AT COST OF THE CONTRACTOR
6. ENGINEER TO OBTAIN RIGHTS-OF-WAY PERMITS FOR UTILITY AND / OR PAVING WORK TO BE PERFORMED WITHIN CITY, COUNTY, OR STATE RIGHTS-OF-WAY

△ ALTERNATIVE 6" F.M. ROUTING
ROUTING TO BE CONSTRUCTED
AS AN ALTERNATIVE TO F.M.
UPSIZING
(SEE ALTERNATIVE PLAN / PROFILE SHEET 4 OF 6)



△△△ 16" UPSIZED F.M. ROUTING

BONITA SPRINGS UTILITIES, INC.
REQUESTED UPSIZED
FORCEMAIN ROUTING
(SEE PLAN / PROFILE SHEET 4 OF 6)



SEWER
△ RECORD DRAWINGS

DATE: MAY 15, 2001

THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS CONSTRUCTED. THEY ARE BASED ON DATA FURNISHED BY THE CONTRACTOR TO THE ENGINEER. FIELD VERIFICATION OF CONDITIONS AND CORRECTIONS SHOULD BE TAKEN PRIOR TO ALTERATIONS OR CONSTRUCTION IN THE PROJECT AREA.

STEVENSON & LAYTON
CONTRACTOR
HEDRICH ENGINEERING, INC.
ENGINEER
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA REGISTERED ENGINEER.

REVISIONS				SUBMITTAL			
DATE	BY	DESCRIPTION	DATE	CITY	COUNTY	DATE	DATE
12/11/2000	SRW	△ - REVISED PER B.S.U. COMMENTS					
01/12/2001	SRW	△ - REVISED PER LEE COUNTY DOT					
05/29/2001	SRW	△ - RECORD DRAWINGS					

PINE HAVEN CONDOMINIUM ASSOCIATION, INC.				HEDRICH ENGINEERING, INC.			
P.O. BOX 366994 BONITA SPRINGS, FLORIDA 34136 PHONE: 941.948.5638				10931 BONITA BEACH ROAD, SUITE 1021 BONITA SPRINGS, FLORIDA 33435 PHONE: 941.465.5766, FAX: 941.941.5531 EMAIL: HedrichEng@HedrichGroup.com WEB SITE: www.HedrichGroup.com			
LEE COUNTY				FLORIDA			
MASTER PLAN				PINE HAVEN FORCE MAIN / LIFT STATION			
DESIGNED				SRW			
CHECKED				BCH			
DATE				11/21/2000			
SCALE				1" = 100'			
PROJECT NO.				PHW-01			
FILE NAME				PHSewerPlan.dwg			
SHEET				3 OF 6			

DELISI FITZGERALD, INC.
Planning - Engineering - Project Management
1605 Hendry Street
Fort Myers, FL 33901
239-418-0691 • 239-418-0692 fax
Engineering LB #: 26978
Florida Certificate of Authorization:

ENGINEER OF RECORD:
ANDREW D. FITZGERALD, P.E. (FOR THE FIRM)
1605 HENDRY STREET
FORT MYERS, FLORIDA 33901
PHONE: 239-418-0691
7/26/14

OWNER/DEVELOPER
RACETRAC PETROLEUM, INC.
3225 CUMBERLAND BLVD., SUITE 100
ATLANTA, GA 30339
(770) 431-7600
PROJECT:
RACETRAC @ BONITA BEACH ROAD
RACETRAC STORE NUMBER 584
PART OF SEC. 02, TWP. 48 S., RANG 25 E., LEE COUNTY, FL

PLAN REVISIONS:	
DATE:	DESCRIPTION:
01/27/12	1. REVERSED SAN. SEWER & ROOF DRAIN INVERTS.
08/13/12	2. REVERSED STANDARD PARKING DETAIL.

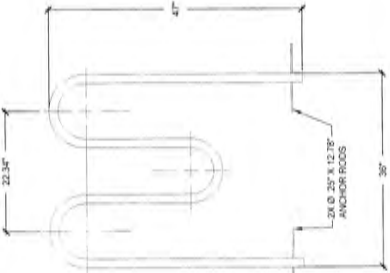
DETAILS	
Project Manager:	ADF
Drawn By:	JRF
Checked By:	ADF
Project Number:	21150
Cad File:	21150 SDP
Unit:	-
Unit:	-

Status:
RECORD DRAWINGS
DATED 08/16/2014

Sheet Number: 14

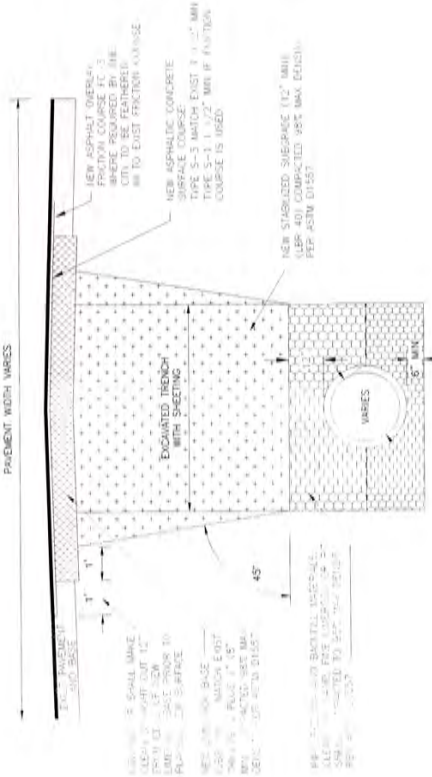


SARIS CYCLING GROUP
6802-S BIKE WAVE RACK



BIKE RACK DETAIL

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.



RACETRACK ROAD PAVEMENT RESTORATION DETAIL



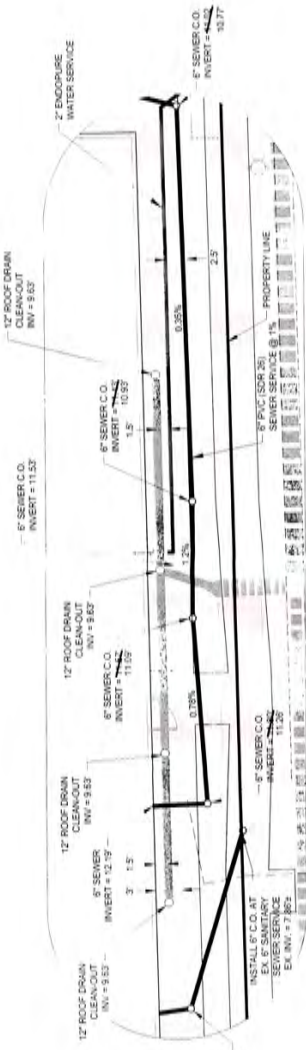
TYPICAL SIDEWALK DETAIL



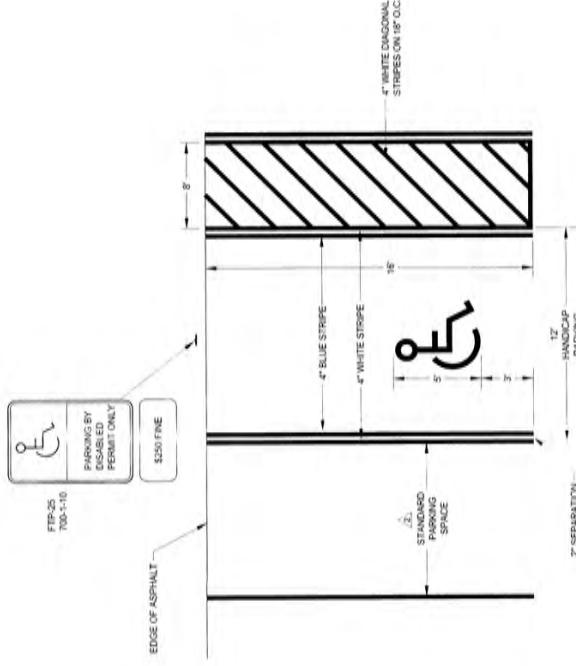
3' VALLEY GUTTER DETAIL



TYPE 'F' CURB DETAIL

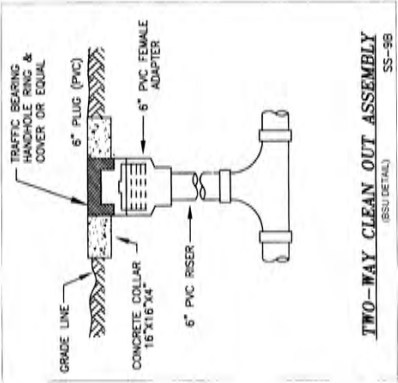


BUILDING DRAINAGE AND UTILITY CONNECTION DETAIL



HANDI-CAP PARKING SPACE DETAIL

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.



TWO-WAY CLEAN OUT ASSEMBLY

DELISI FITZGERALD, INC.
Planning - Engineering - Project Management
1605 Hendry Street
Fort Myers, FL 33901
239-418-0691 • 239-418-0692 fax
Engineering LB #: 26978
Florida Certificate of Authorization:

ENGINEER OF RECORD:
ANDREW D. FITZGERALD, P.E. (FOR THE FIRM)
1605 HENDRY STREET
FORT MYERS, FLORIDA 33901
PHONE: 239-418-0691
7/30/14

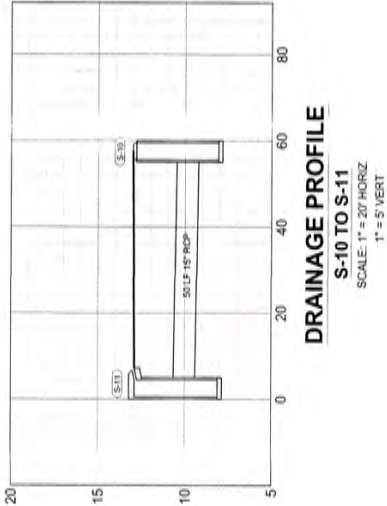
OWNER/DEVELOPER
RACETRAC PETROLEUM, INC.
3225 CUMBERLAND BLVD, SUITE 100
ATLANTA, GA 30339
(770) 431-7600
PROJECT:
RACETRAC @ BONITA BEACH ROAD
RACETRAC STORE NUMBER 584
PART OF SEC. 02, TWP. 48 S, RNG 25 E, LEE COUNTY, FL

PLAN REVISIONS:	
DATE:	DESCRIPTION:
8/13/12	1. ADDED UTILITY PROFILE
8/13/12	2. ADDED FORCE MAIN CROSSING

DRAINAGE STRUCTURE PROFILES	
Project Manager:	ADF
Drawn By:	MAK
Checked By:	ADF
Project Number:	21150
Cad File:	21150 SDP
Xref:	-
Xref:	-

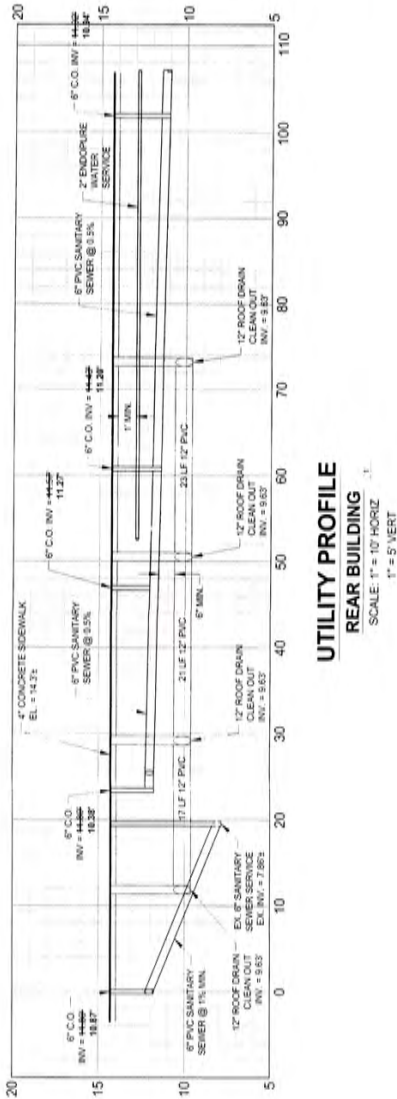
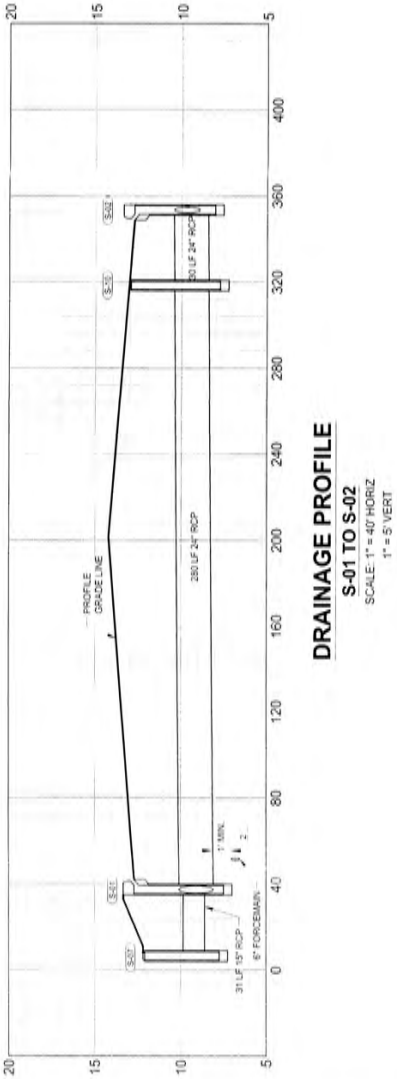
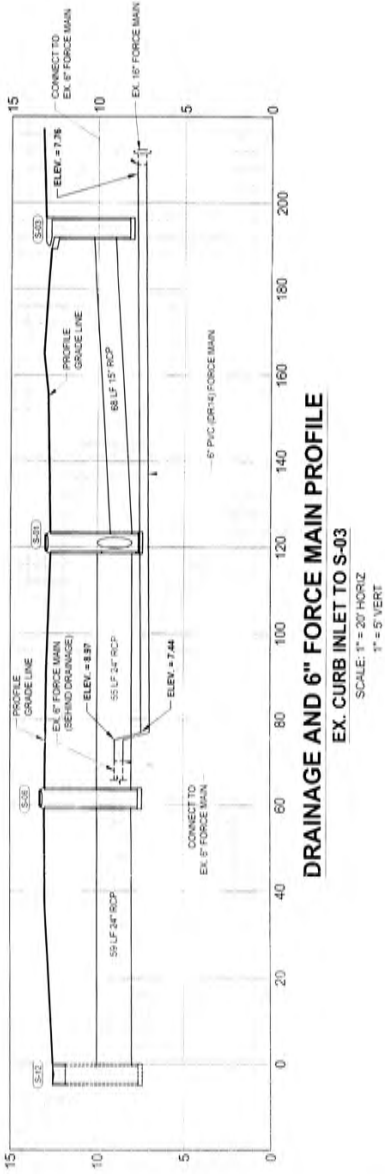
STATUS
RECORD DRAWINGS
DATED: 06/18/2014

Sheet Number: 15



DRAINAGE STRUCTURE TABLE:

(S-03)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.73 FL 24" W = 8.1' FL 12" W = 8.9' FL 12" W = 8.9'	(S-04)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-05)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-06)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-07)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-08)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-09)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-10)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-11)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-12)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-13)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-14)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-15)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-16)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-17)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-18)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-19)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-20)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-21)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-22)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-23)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-24)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-25)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-26)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-27)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-28)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-29)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-30)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-31)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-32)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-33)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-34)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-35)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-36)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-37)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-38)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-39)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-40)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-41)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-42)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-43)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-44)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-45)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-46)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-47)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-48)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-49)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-50)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-51)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-52)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-53)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-54)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-55)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-56)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-57)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-58)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-59)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-60)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-61)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-62)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-63)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-64)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-65)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-66)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-67)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-68)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-69)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-70)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-71)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-72)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-73)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-74)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-75)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-76)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-77)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-78)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-79)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-80)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-81)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-82)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-83)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-84)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-85)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-86)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-87)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-88)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-89)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-90)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-91)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-92)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-93)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-94)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-95)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-96)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-97)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-98)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-99)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED	(S-100)	TYPE "Y" INLET FOOT INDEX 211 GRATE = 12.82 FL 15" W = 8.89 RESERVED
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RENOVA BROADCASTING BUILDING

PART OF SECTION 2, TOWNSHIP 48 SOUTH, RANGE 25 EAST, LEE COUNTY, FLORIDA
SOUTHEAST CORNER OF RACETRACK ROAD AND K-NINE DRIVE
PROPERTY I.D. (STRAP) # 024825B200011.7040

RECORD DRAWINGS
OFFSITE ONLY
ALL DRAWINGS BASED ON
AS-BUILT INFORMATION PROVIDED
BY UNDERGROUND CONTRACTOR
5-AUG-03

Prepared for:

C. MATT JOYNER, P.A.

1020 EIGHTH AVENUE SOUTH - SUITE 3

NAPLES, FL 34102

OFFICE: 941.261.1899

FAX: 941.261.5633

REAL PROPERTY DESCRIPTION:

STRAP NO.: 02-48-25-B2-00011.7040

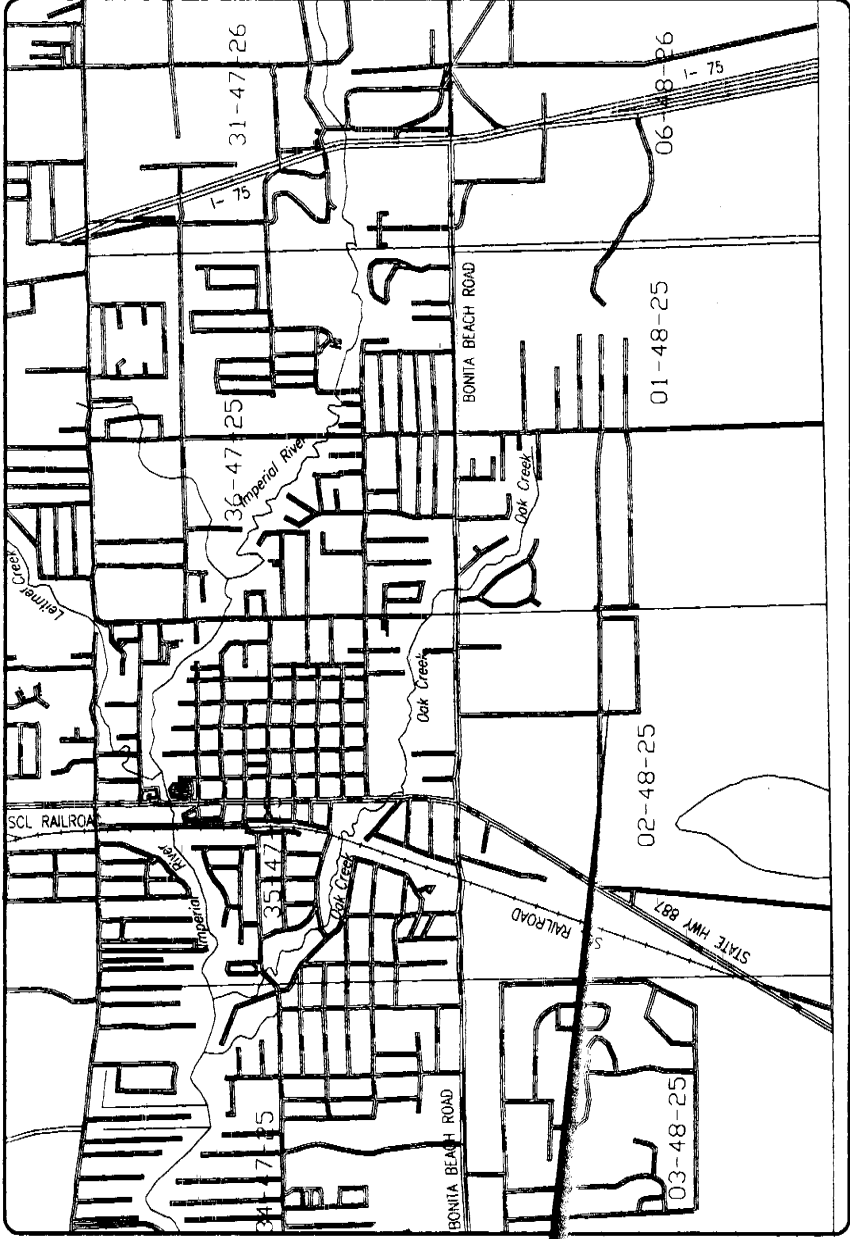
THE FOLLOWING DESCRIBED PROPERTY IN LEE COUNTY, FLORIDA:

FROM THE NORTHEAST CORNER OF THE
SOUTHEAST QUARTER (SE 1/4) OF SECTION 2,
TOWNSHIP 48 SOUTH, RANGE 25 EAST, LEE
COUNTY, FLORIDA, RUN NORTH 89°51'37" WEST
ALONG THE NORTH LINE OF THE SOUTHEAST
QUARTER (SE 1/4) OF THE NORTHEAST QUARTER
(NE 1/4) OF SECTION 2, TOWNSHIP 48 SOUTH,
RANGE 25 EAST, A DISTANCE OF 1323.57 FEET;
THENCE RUN SOUTH ALONG THE WEST LINE OF
THE SOUTHEAST QUARTER (SE 1/4) OF THE
NORTHEAST QUARTER (NE 1/4) OF SECTION 2,
TOWNSHIP 48 SOUTH, RANGE 25 EAST, A
DISTANCE OF 332.50 FEET TO THE POINT OF
BEGINNING; THENCE CONTINUE ALONG ABOVE SAID
COURSE 166.25 FEET; THENCE RUN SOUTH
NORTH 0°00'43" EAST 166.24 FEET; THENCE RUN
NORTH 89°51'45" WEST 291.16 FEET TO THE
POINT OF BEGINNING; THE NORTH 30 FEET AND
THE WEST 100 FEET BEING RESERVED FOR ROAD
RIGHT OF WAY; AND
FROM THE NORTHEAST CORNER OF THE
SOUTHEAST QUARTER (SE 1/4) OF SECTION 2,
TOWNSHIP 48 SOUTH, RANGE 25 EAST, LEE
COUNTY, FLORIDA, RUN NORTH 89°51'37" WEST
ALONG THE NORTH LINE OF THE SOUTHEAST
QUARTER (SE 1/4) OF THE NORTHEAST QUARTER
(NE 1/4) OF SECTION 2, TOWNSHIP 48 SOUTH,
RANGE 25 EAST, A DISTANCE OF 1323.57 FEET;
THENCE RUN SOUTH ALONG THE WEST LINE OF
THE SOUTHEAST QUARTER (SE 1/4) OF THE
NORTHEAST QUARTER (NE 1/4) OF SECTION 2,
TOWNSHIP 48 SOUTH, RANGE 25 EAST, 498.75
FEET TO THE POINT OF BEGINNING; THENCE
CONTINUE ALONG ABOVE SAID COURSE 166.25
FEET; BEING THE SOUTHWEST CORNER OF THE
SOUTHEAST QUARTER (SE 1/4) OF SECTION 2,
TOWNSHIP 48 SOUTH, RANGE 25 EAST, THE
POINT OF BEGINNING; THENCE CONTINUE
SOUTH 89°51'37" EAST 291.08 FEET; THENCE NORTH
0°00'43" EAST 166.24 FEET; THENCE NORTH
89°51'33" WEST 291.12 FEET TO THE POINT OF
BEGINNING; THE NORTH 30 FEET AND THE WEST
100 FEET BEING RESERVED FOR ROAD RIGHT OF WAY.

TOGETHER WITH A NON-EXCLUSIVE RIGHT OF
INGRESS AND EGRESS OVER AND ACROSS THAT
CERTAIN 60' FOOT ROADWAY SAME BEING 30 FEET
ON EACH SIDE OF THE CENTERLINE OF SAID
ROAD WHICH IS DESCRIBED AS FOLLOWS:
BEGINNING AT THE NORTHEAST CORNER OF THE
SOUTHEAST QUARTER (SE 1/4) OF SECTION 2,
TOWNSHIP 48 SOUTH, RANGE 25 EAST, LEE
COUNTY, FLORIDA, RUN SOUTH 0°00'43" WEST
332.44 FEET TO THE POINT OF BEGINNING OF
SAID CENTERLINE; THENCE NORTH 89°51'45"
WEST TO THE WEST LINE OF THE NORTHEAST 1/2 OF
THE SOUTHEAST 1/4 OF THE NORTHEAST 1/2 OF
SECTION 2, TOWNSHIP 48 SOUTH, RANGE 25
EAST.

SURVEY NOTES:

- 1.) BEARINGS SHOWN HEREON REFER TO THE EAST LINE OF THE N.E. QUARTER OF SECTION 2, TOWNSHIP 48 SOUTH, RANGE 25 EAST, LEE COUNTY, FLORIDA AS BEING AN ASSUMED BEARING OF S.07°00'43"W.
- 2.) THIS PROPERTY IS SUBJECT TO EASEMENTS, RESERVATIONS OR RESTRICTIONS OF RECORD.
- 3.) DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.
- 4.) THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- 5.) IMPROVEMENTS OTHER THAN THOSE SHOWN HAVE NOT BEEN LOCATED.
- 6.) THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE B, HAVING NO BASE FLOOD ELEVATION PER F.I.R.M. 125124 0510C, MAP REVISED NOVEMBER 3, 1989.
- 7.) BENCHMARK ORIGIN: COAST AND GEODETIC SURVEY K-244, STAMPED K-244 RESET 1986, ELEVATION 11.43' NGVD.
- 8.) ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1928 (M.G.V.D.)



PROJECT
SITE

- INDEX OF SHEETS
- | | |
|------|---|
| C-1 | COVER SHEET |
| C-2 | EXISTING CONDITIONS PLAN |
| C-3 | MASTER UTILITY PLAN & HORIZONTAL CONTROL |
| C-4 | PAVING, GRADING & DRAINAGE PLAN
STORMWATER POLLUTION PREVENTION PLAN |
| C-4A | MASTER UTILITY PLAN & HORIZONTAL CONTROL |
| C-5 | PERMIT COMPLIANCE WORKSHEET,
NOTES, & CROSS SECTIONS |
| C-6 | DRAINAGE DETAILS |
| C-7 | PAVING DETAILS |
| C-8 | BSU STANDARD DETAILS - BACKFLOW |
| C-9 | BSU STANDARD DETAILS - COMBINATION |
| C-10 | BSU STANDARD DETAILS - SANITARY #1 |
| C-11 | BSU STANDARD DETAILS - SANITARY #2 |
| C-12 | BSU STANDARD DETAILS - WATER #1 |
| C-13 | BSU STANDARD DETAILS - WATER #2 |

INDEX OF SHEETS

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C-3 MASTER UTILITY PLAN & HORIZONTAL CONTROL

C-4 PAVING, GRADING & DRAINAGE PLAN

STORMWATER POLLUTION PREVENTION PLAN

C-4A MASTER UTILITY PLAN & HORIZONTAL CONTROL

C-5 PERMIT COMPLIANCE WORKSHEET,

NOTES, & CROSS SECTIONS

C-6 DRAINAGE DETAILS

C-7 PAVING DETAILS

C-8 BSU STANDARD DETAILS - BACKFLOW

C-9 BSU STANDARD DETAILS - COMBINATION

C-10 BSU STANDARD DETAILS - SANITARY #1

C-11 BSU STANDARD DETAILS - SANITARY #2

C-12 BSU STANDARD DETAILS - WATER #1

C-13 BSU STANDARD DETAILS - WATER #2

DP-269

4-JUN-01

C-1

KEENE ENGINEERING

LAND DEVELOPMENT CONSULTANTS

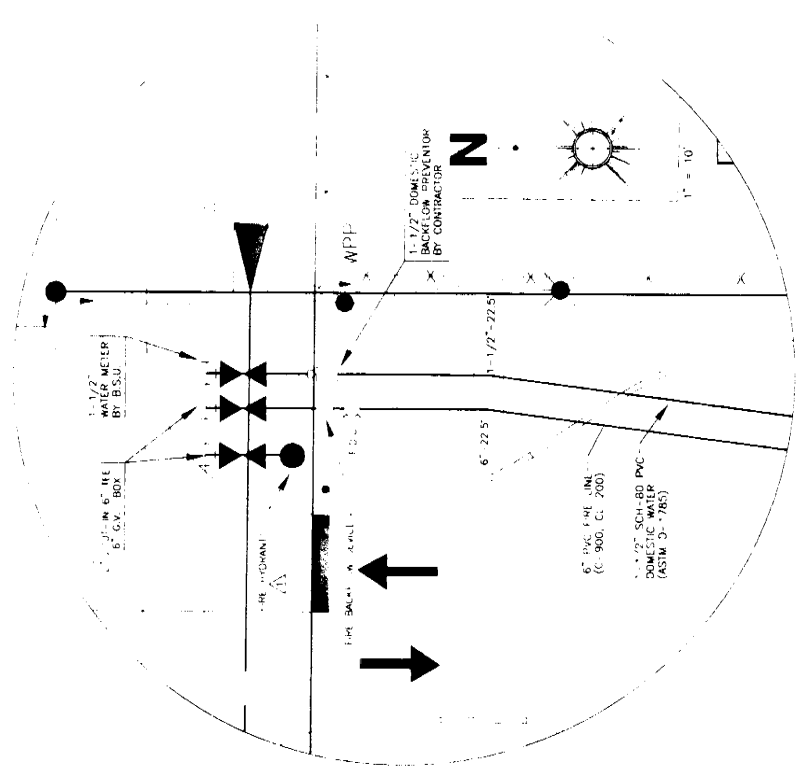
1199 FIRST AVENUE SOUTH

NAPLES, FLORIDA 34102

PHONE: (239) 403-0123 - FAX: (239) 403-9399

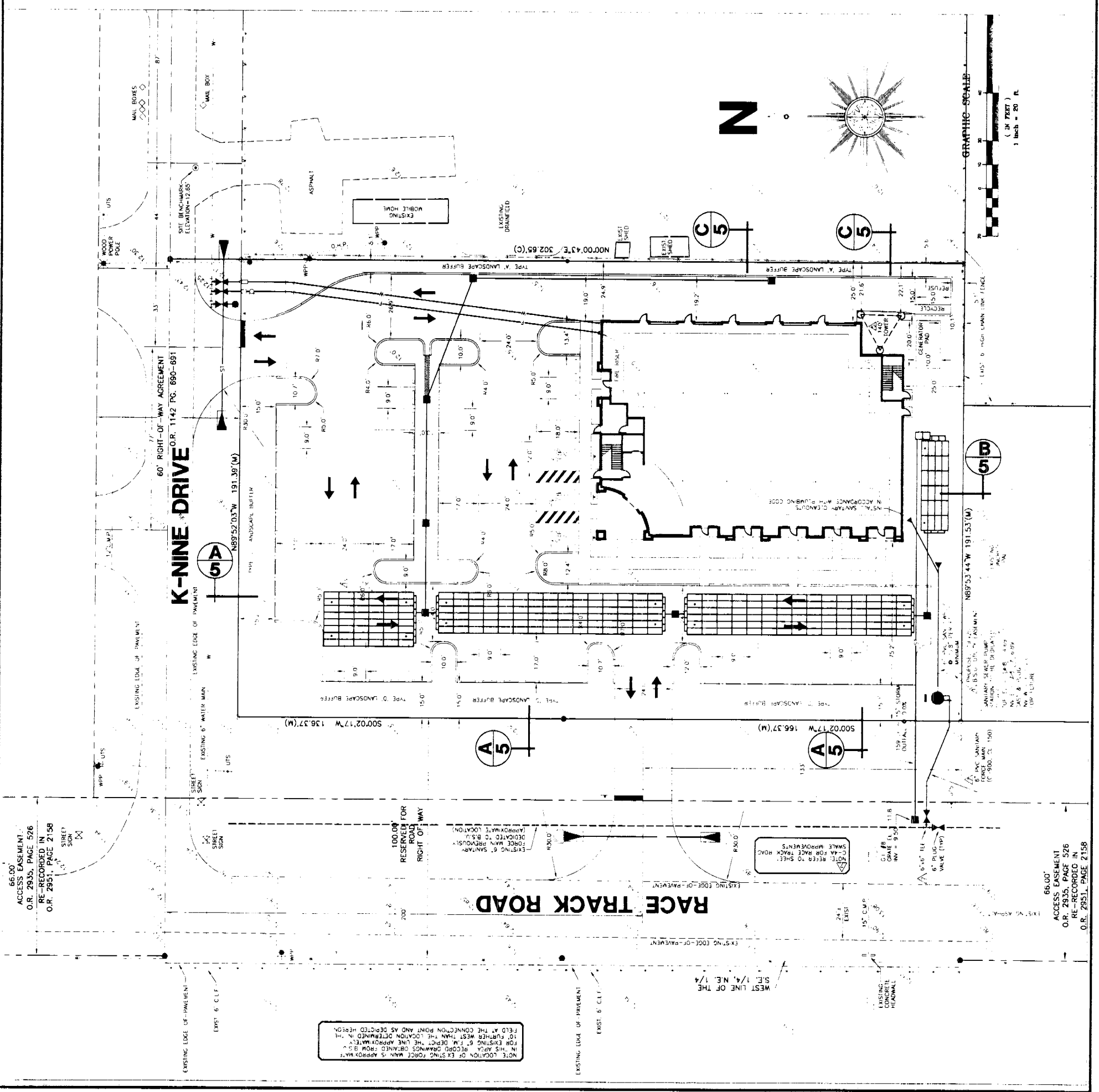
APPROVED BY: [Signature]
BONTIA SPRINGS UTILITIES, INC.
LINE EXTENSION COMMITTEE
DATE: 4/23/04

ENGINEER OF RECORD:
K-244 RESET 1986
F.I.R.M. #14031



DETAIL VIEW

RECORD DRAWINGS
OFFSITE ONLY
-RECORD DRAWINGS BASED ON
AS-BUILT INFORMATION PROVIDED
BY UNDERGROUND CONTRACTOR
5-AUG-03



66.00'
ACCESS EASEMENT
O.R. 2935, PAGE 526
RE-RECORDED IN
O.R. 2951, PAGE 2158

NOTE: LOCATION OF EXISTING FORCE MAIN IS APPROXIMATE
IN THIS AREA RECORD DRAWINGS OBTAINED FROM B.S.
FOR EXISTING 6" F.M. DEPICT THE LINE APPROXIMATELY
10' FURTHER WEST THAN THE LOCATION DETERMINED IN THE
FIELD AT THE CONNECTION POINT AND AS DEPICTED HEREIN.

Century Link

Ticket 134002440 - Centurylink Locate Notification

cl_irth_comm@irth.com <cl_irth_comm@irth.com>

Wed 5/13/2020 1:04 PM

To: Matt Dockins <mdockins@rkk.com>

=====

To: R K & K Attn: MATTHEW DOCKINS
Voice: 8133861460 Fax:
Re: Centurylink Locate Notification

This is an important message from CenturyLink replying to your request to locate our underground facilities in an area described on the one call center ticket. If you have any questions please call CenturyLink at 1-800-283-4237

=====

Ticket: 134002440
County: COLLIER Place: NAPLES
Address: OLD US 41

CNTL01:
Attached is the map of Centurylink facilities in the proposed excavation area.
Please contact CenturyLink at 303-260-4929 if you have further questions

=====

Centurylink

=====

This message was generated by an automated system. Please do not reply to this email.

	National Buried Asset		Local Buried Asset
	National Buried Asset		Local Buried Asset
	National Aerial / 3 rd Party		Local Buried Asset
	IOF Fiber Route		Local Buried Asset
			Local Aerial Asset
		 CenturyLinkTM	

This email is for informational purposes only. Please do not reply as this is an unmanned inbox.



26.3241 -81.7981



Sterling Oaks

Arbor Lake Club

Meadowbrook Estates

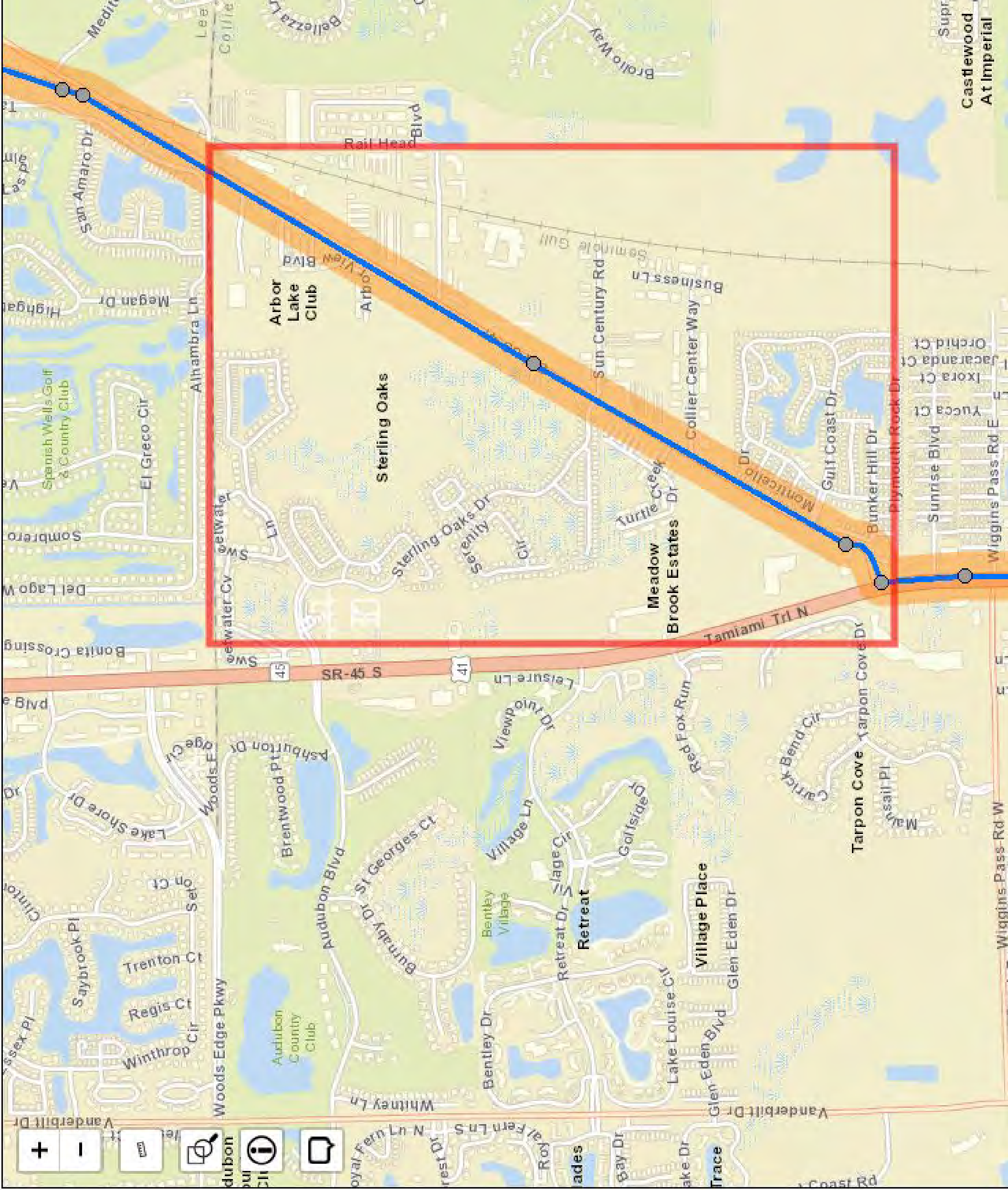
Retreat

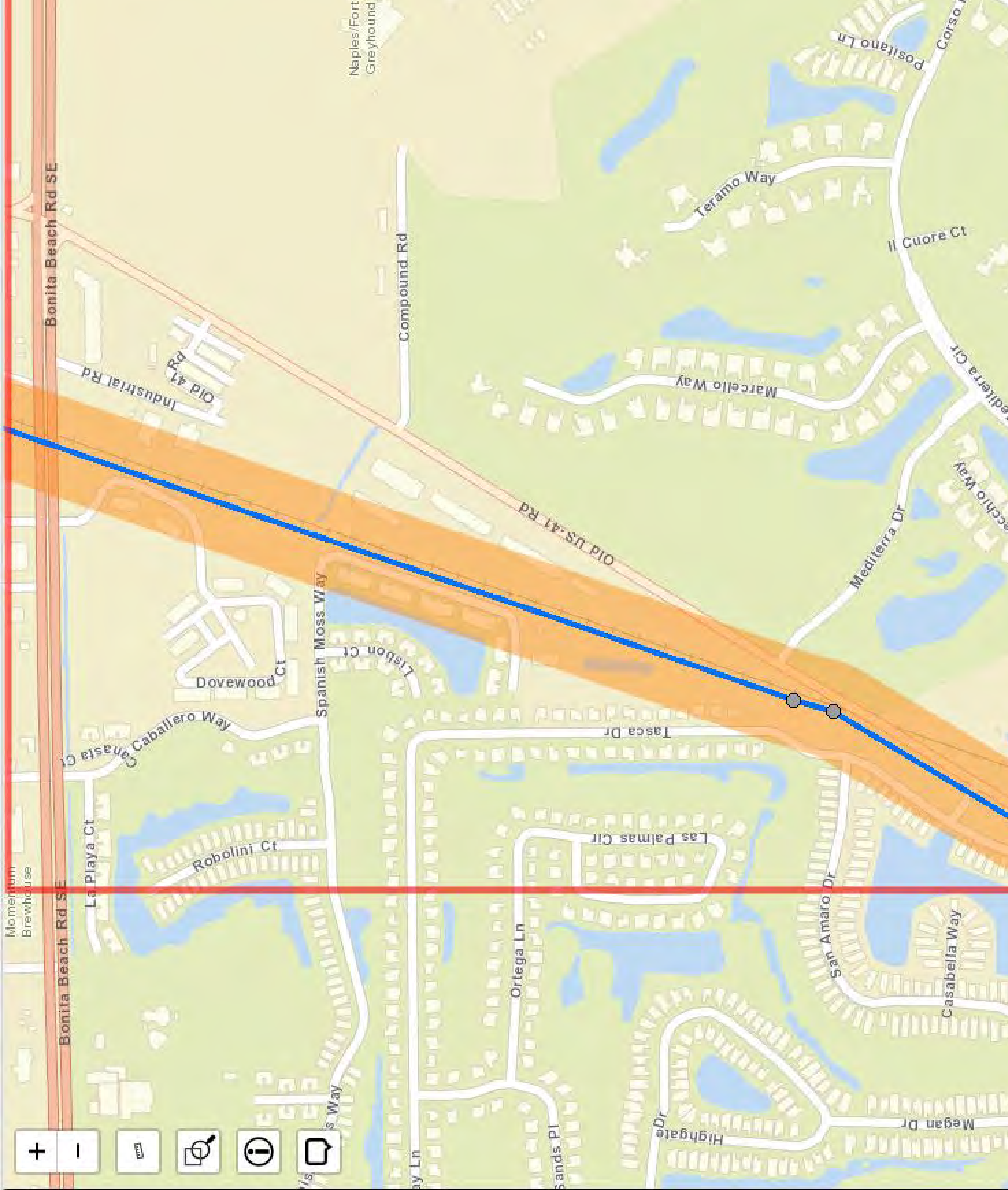
Village Place

Tarpon Cove

Supreme
Castlewood
At Imperial







Naples/Fort
Greyhound

Bonita Beach Rd SE

Bonita Beach Rd SE

+

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Industrial Rd
Old 41 Rd

Canasta Ct
Caballero Way

La Playa Ct
Robolini Ct

Dovewood Ct
Lisbon Ct

Spanish Moss Way

Compound Rd

Ortega Ln

Sands Pl

Las Palmas Cir

Tasca Dr

Highgate Dr

Marcello Way

Teramo Way

San Amaro Dr

Casabella Way

Mediterra Dr

Il Cuore Ct

Medterra Cir

Acchio Way

Corso

Positano Ln

Momentum
Brewhouse

City of Bonita Springs



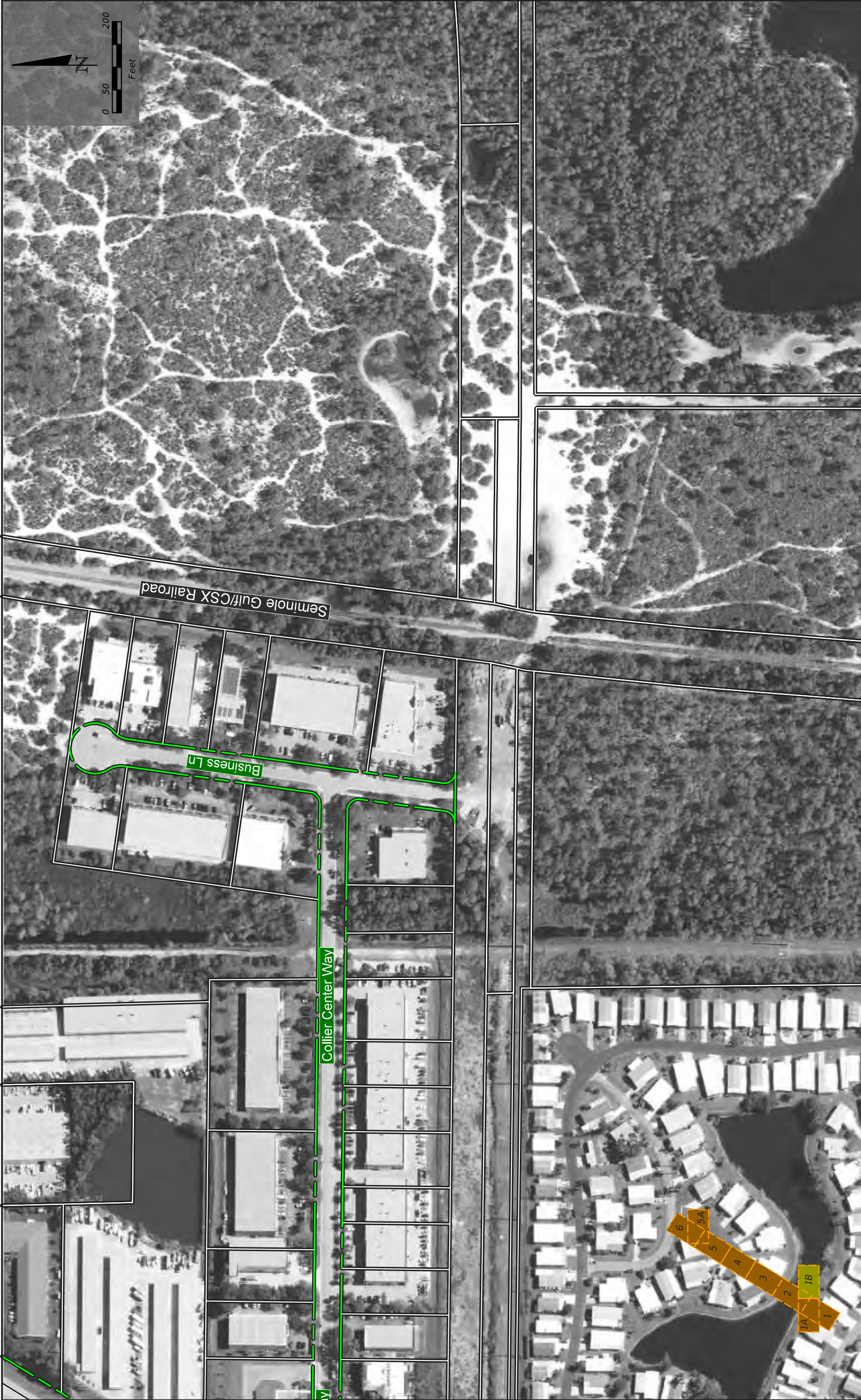
COLLIER COUNTY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP		SHEET NO.	
				1	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
		CR 887	COLLIER AND LEE	435110-1-22-01	



COLLIER COUNTY

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COLLIER COUNTY

STATION 100 EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS	FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO. 1B
			ROAD NO. CR 887	COUNTY COLLIER AND LEE	FINANCIAL PROJECT ID 435110-1-22-01		



100'
STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

COLLIER COUNTY

COLLIER CENTER WAY

SUN CENTER RD

ANGLEWOOD CT

STERLING OAKS DR

TURTLE CREEK BLVD

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.
CR 887

COUNTY
COLLIER AND LEE

FINANCIAL PROJECT ID
435110-1-22-01

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

COLLIER COUNTY

SHEET NO.

2

BASE MAP

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5/15/2020 10:23:54 AM



LEE COUNTY/CITY OF BONITA SPRINGS				BASE MAP		SHEET NO.	
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				FINANCIAL PROJECT ID			
ROAD NO.		COUNTY		COLLIER AND LEE			
CR 887				435110-1-22-01		4	

100

STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

RUMMEL, KLEPPER & KAHL, LLP (RK&K)

MATTHEW J.W. DOCKINS

P.E. LICENSE NUMBER 79350

402 S. KENTUCKY AVE., SUITE 400

LAKELAND, FLORIDA 33804

CERTIFICATE OF AUTHORIZATION No. 26879

5/15/2020

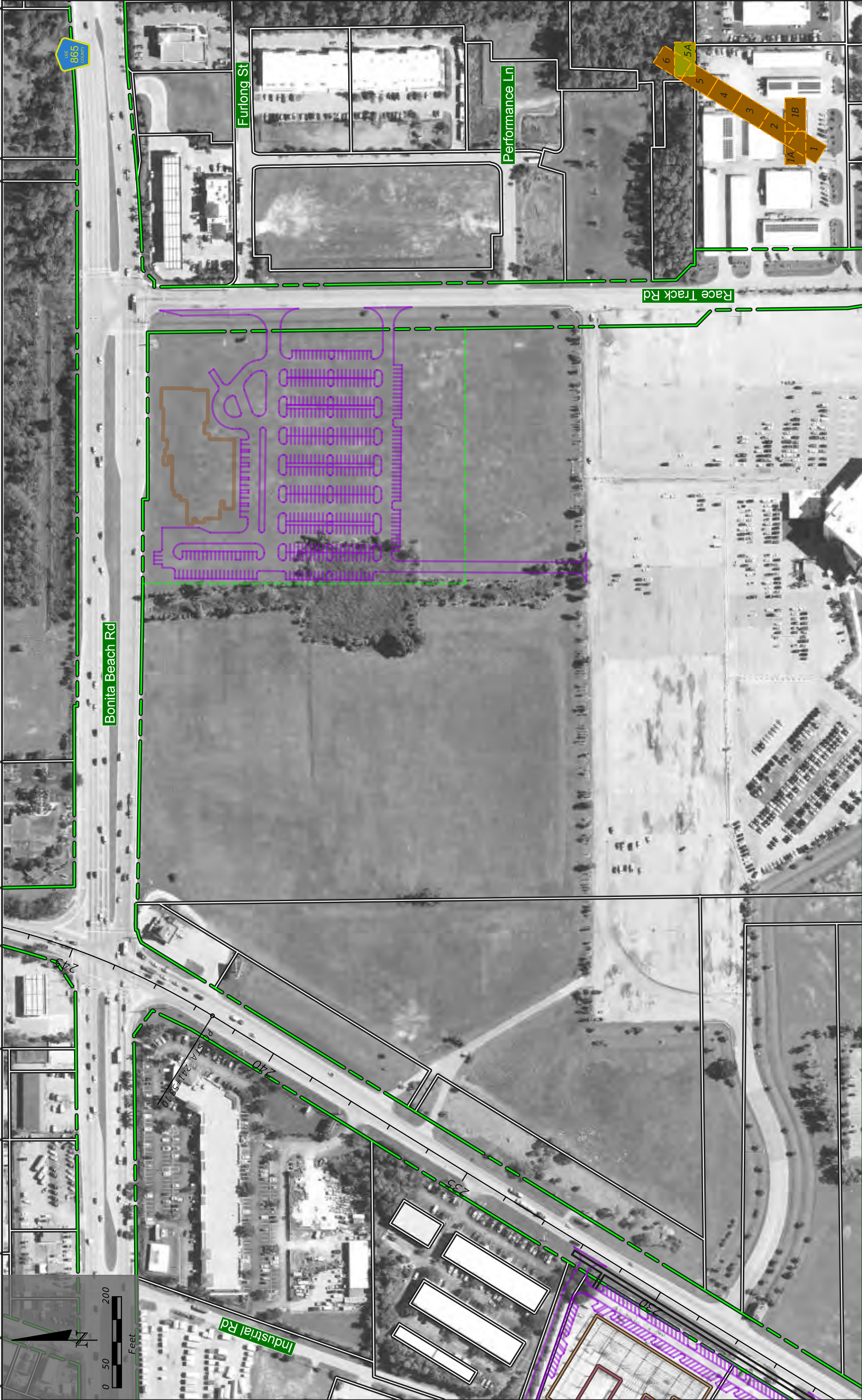
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LEE COUNTY/CITY OF BONITA SPRINGS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP		SHEET NO.	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879		ROAD NO. COUNTY		FINANCIAL PROJECT ID			
		CR 887 COLLIER AND LEE		435110-1-22-01		5	

- 100
- STATION
- EXISTING ROW
- PROPERTY LINES
- WETLANDS
- SURFACE WATERS
- FUTURE DEVELOPMENT
- CONSERVATION EASEMENTS
- CONSERVATION LANDS



LEE COUNTY/CITY OF BONITA SPRINGS

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- 100
- STATION
- EXISTING ROW
- PROPERTY LINES
- WETLANDS
- SURFACE WATERS
- FUTURE DEVELOPMENT
- CONSERVATION EASEMENTS
- CONSERVATION LANDS



LEE COUNTY/CITY OF BONITA SPRINGS

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

ROAD NO.

CR 887

COUNTY

COLLIER AND LEE

FINANCIAL PROJECT ID

4351101-22-01

SHEET NO.

6

RUMMEL, KLEPPER & KAHL, LLP (RK&K)

MATTHEW J.W. DOCKINS

P.E. LICENSE NUMBER 79350

402 S. KENTUCKY AVE., SUITE 400

LAKELAND, FLORIDA 33804

CERTIFICATE OF AUTHORIZATION No. 26879

5/15/2020 10:25:44 AM

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100

STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

1A

1

2

3

4

5

6

1B

5A

Collier County
Information Technology Department



**CCTO/CCIT BFO
NOT TO SCALE**

We have underground facilities within the scope of work. They will need to coordinate with us during construction. Also review the pullboxes for elevations adjustments are to be made.

Locate Department

HMD

**TRAFFIC SIGNAL
NOT TO SCALE**

We have underground facilities within the scope of work. They will need to coordinate with us during construction. Also review the pullboxes for elevations adjustments are to be made.

Locate Department

HMD

**Roadway Lighting
NOT TO SCALE**

We have underground facilities within the scope of work. They will need to coordinate with us during construction. Also review the pullboxes for elevations adjustments are to be made.

Locate Department
HMD

Collier County
Public Utilities Department



GIS DATA REQUEST FORM

General Information:

Date Requested:	11/10/20
Requested by:	Matt Dockins
Company/Organization:	RK&K
Phone:	813-386-1460
Fax:	
E-mail:	mdockins@RKK.com
Priority:	

Data Request Description:

For use in the FDOT Old 41 PD&E project. Please include Old 41 and US 41 from Wiggins Pass Rd to Lee County Line.

*Note: Describe why information is required. Is this request needed for a project?

Data Information:

GIS compatible files.

*Note: All data will be delivered in the following coordinate system unless otherwise noted:
NAD_1983_StatePlane_Florida_East_FIPS_0901_Feet

Requested Layers:

Water

☒ wBackflow	☒ wLateralLine
☒ wCasing	☒ wLocatorBall
☒ wControlValve	☒ wMain
☒ wCurbStopValve	☒ wSampleStation
☒ wFitting	☒ wServiceArea
☒ wFlushingStation	☒ wServiceConnection
☒ wHydrant	☒ wSystemValve

Wellfield

☐	wfCasing	☒	wfPumpStation
☐	wfControlValve	☐	wfSampleStation
☐	wfFitting	☐	wfServiceArea
☐	wfLateralLine	☐	wfSplice
☐	wfLauncherReceiver	☐	wfSystemValve
☒	wfMain	☐	wfTelemetry
☐	wfMechanical	☒	wfWells

Wastewater

☒	ssCasing	☒	ssManhole
☒	ssCleanOut	☒	ssPressurizedMain
☒	ssControlValve	☒	ssServiceArea
☒	ssFitting	☒	ssServiceConnection
☒	ssGravityMain	☒	ssSystemValve
☒	ssLateralLine	☒	ssTap
☒	ssLiftStation		

Irrigation Quality

☐	iqCasing	☒	iqPumpStation
☒	iqControlValve	☐	iqSamplingStation
☐	iqCurbStopValve	☒	iqServiceConnection
☐	iqFitting	☐	iqStrainer
☒	iqLateralLine	☒	iqSystemValve
☒	iqMain	☒	iqWell
☒	iqNetworkStructure	☐	iqOperationalArea

Delivery Method:

☒ E-mail ☐ FTP

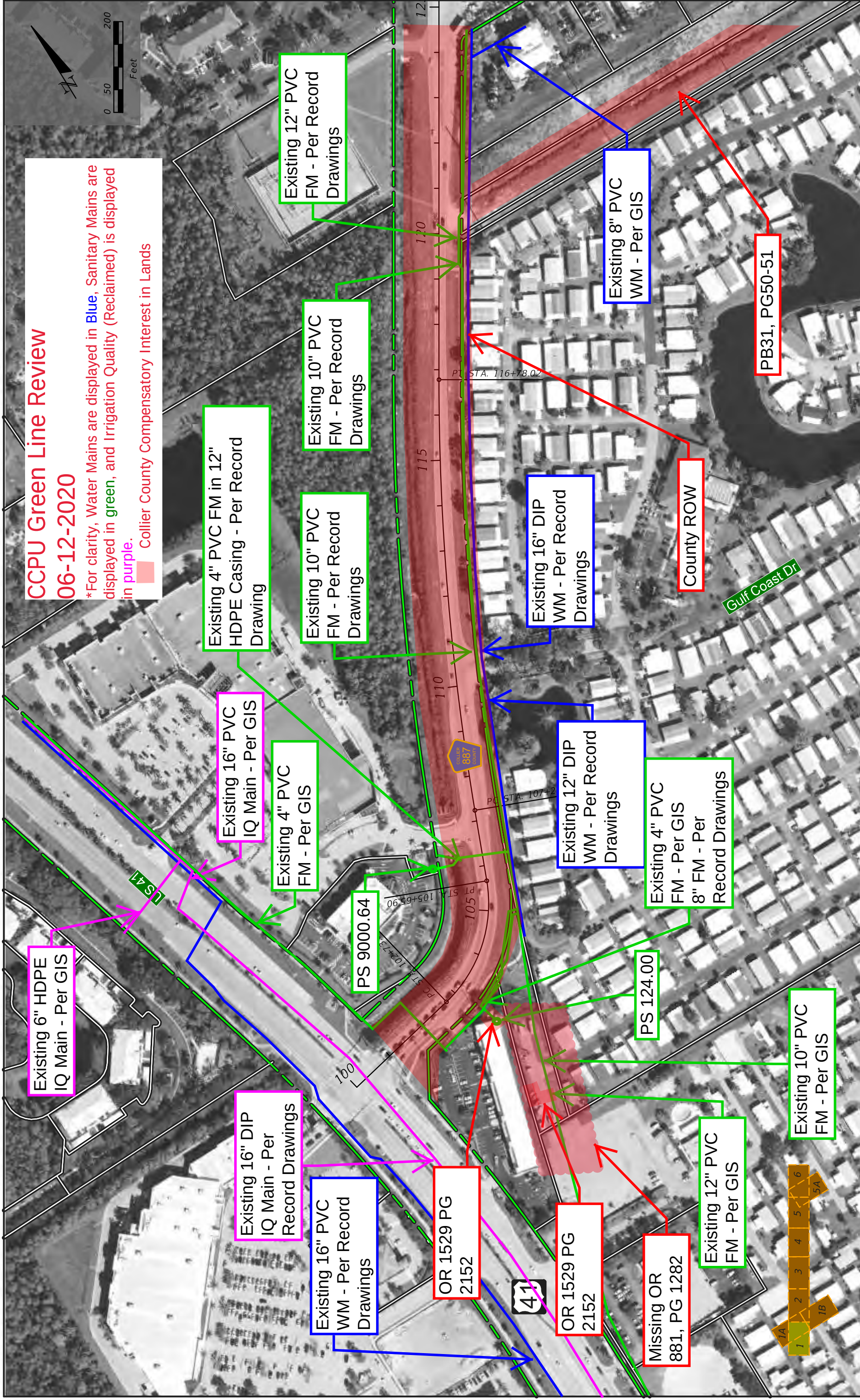
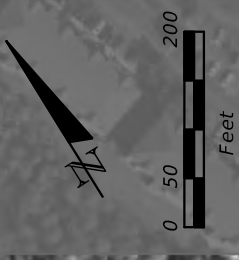
Security:

To release GIS data to an outside party, the Collier County Data Release Form must be approved by the Wastewater Director.

Existing 6" HDPE
IQ Main - Per GIS

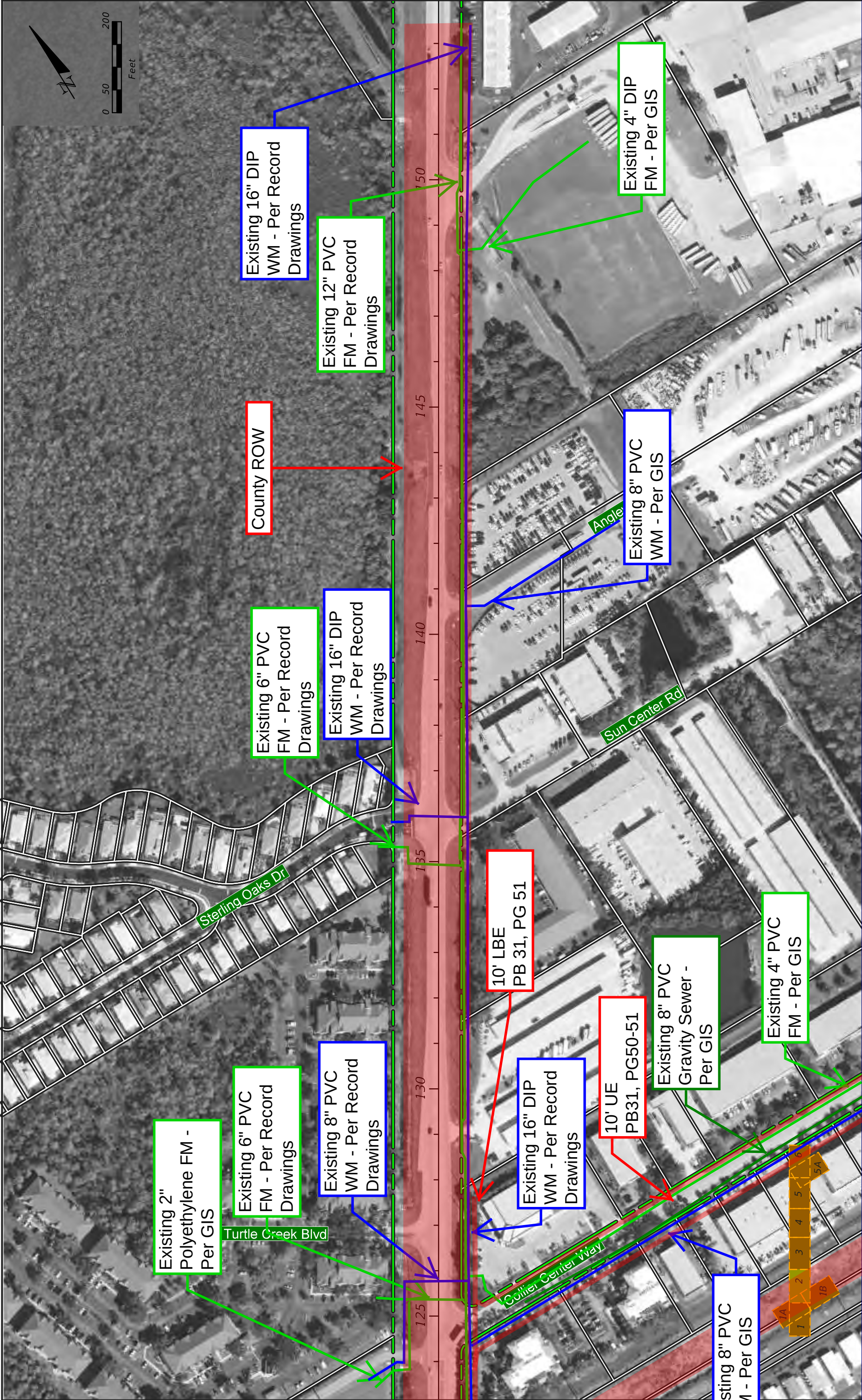
Existing 6" HDPE
IQ Main - Per GIS

43 S

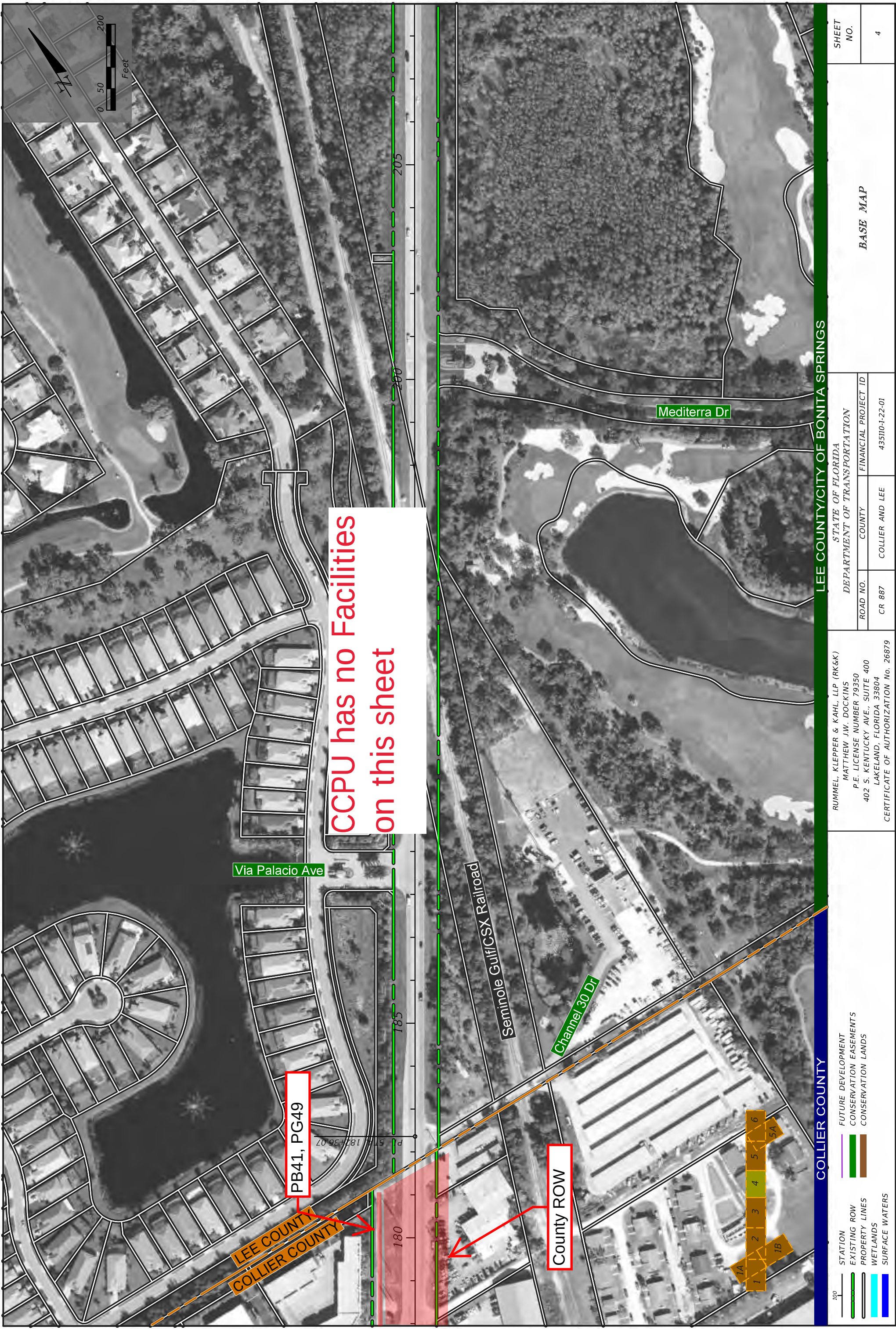


COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 887 COUNTY COLLIER AND LEE FINANCIAL PROJECT ID 435J10-1-22-01	BASE MAP SHEET NO. 1
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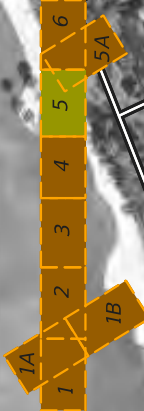


COLLIER COUNTY				BASE MAP				SHEET NO.	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				2	
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				CR 887	COLLIER AND LEE	435110-1-22-01			

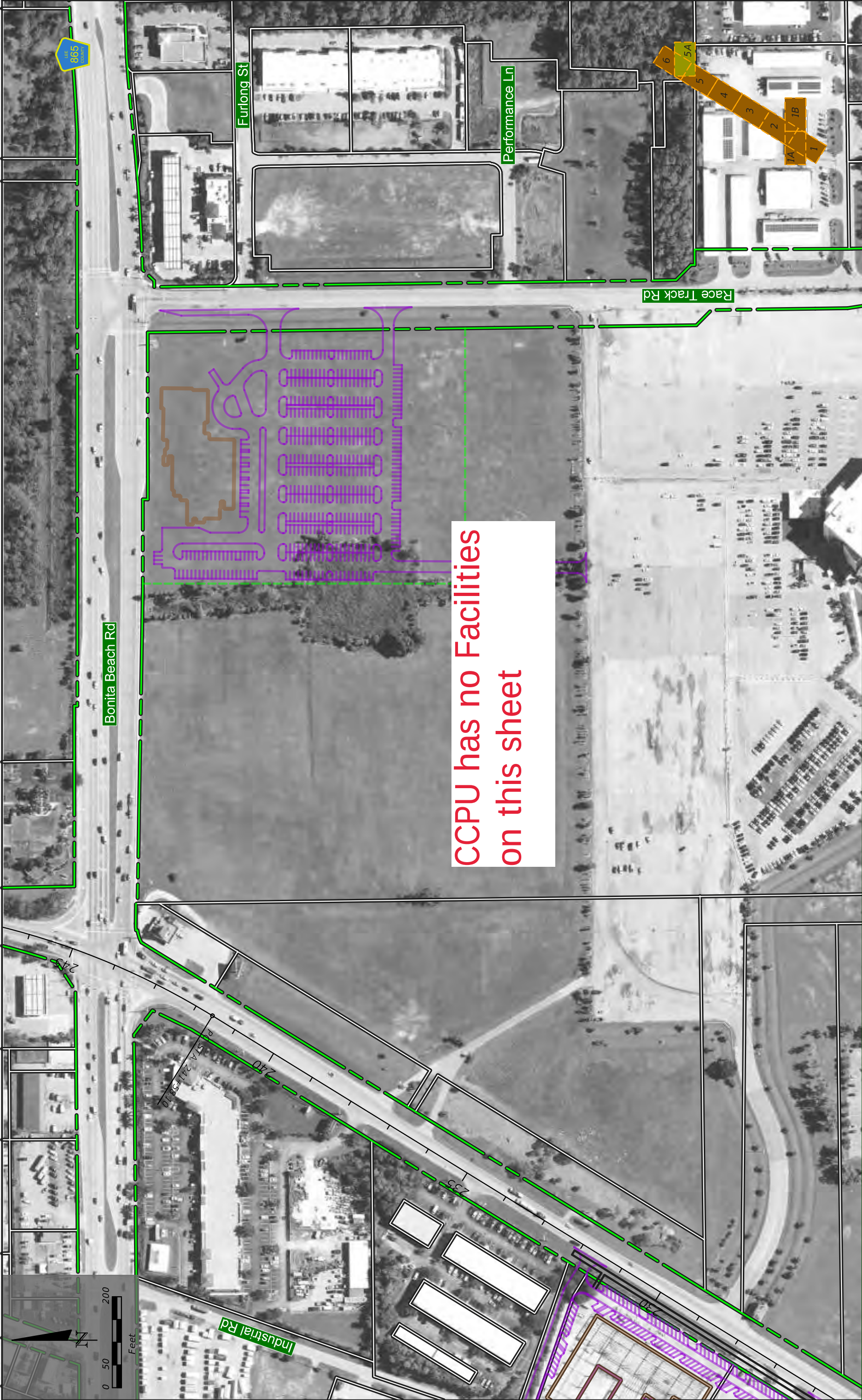




CCPU has no Facilities
on this sheet



LEE COUNTY/CITY OF BONITA SPRINGS				BASE MAP				SHEET NO.	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID CR 887 COLLIER AND LEE 435110-1-22-01				5	



Bonita Beach Rd

Industrial Rd

Furlong St

Performance Ln

Race Track Rd

CCPU has no Facilities
on this sheet

---	--

- 100
- STATION
- EXISTING ROW
- PROPERTY LINES
- WETLANDS
- SURFACE WATERS
- FUTURE DEVELOPMENT
- CONSERVATION EASEMENTS
- CONSERVATION LANDS

3600
OC 82
ST

663416

RECORDED
OFFICIAL PUBLIC BOOK
COLLIER COUNTY, FLORIDA

02 881 PG 1282

SEP 3 3 49 PM '80 EASEMENT

KNOW ALL MEN BY THESE PRESENTS:

That LANDMARK ASSOCIATES, a Florida General Partnership, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, has given and granted unto the Board of County Commissioners of Collier County, Florida a Utility Easement in and over and across the following described premises, lying and being in Collier County, Florida, to wit:

(SEE EXHIBIT "A", CONSISTING OF PAGES A - O THROUGH A - 9 ATTACHED HERETO AND MADE A PART HEREOF, AND INCORPORATED HEREIN BY REFERENCE.)

Grantor does hereby fully warrant title to said land and will defend the same against the lawful claims of all persons whomsoever. This Easement is given for the purpose of maintenance of sewer, water, and other municipal utility services.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 23 day of July, 1980.

LANDMARK ASSOCIATES, by Landmark Management Company, Inc., Managing General Partner

By Roy V. Whisnand
Roy V. Whisnand, President

STATE OF FLORIDA
COUNTY OF COLLIER

I HEREBY CERTIFY that on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgments, ROY V. WHISNAND, as President of Landmark Management Company, Inc., Managing Gen. Partner, LANDMARK ASSOCIATES, to me well known to be the person described in and who executed the foregoing Easement, and acknowledged before me that he executed the same freely and voluntarily for the purpose therein expressed.

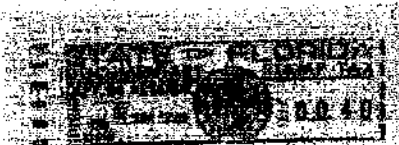
WITNESS my hand and official seal at the City of Naples, County of Collier, State of Florida, this 23 day of July, 1980.

My commission expires: 9-2-81

Marion Rogers
NOTARY PUBLIC

(SEAL)

LAW OFFICE
VEDA, BROWN, NICHOLS
STANLEY & MARTIN, P.A.
4900 AIRPORT ROAD SOUTH
NAPLES, FLORIDA 34109
(813) 774-3320

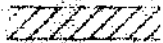


LANDMARK ESTATES

SOUTH 1/2 OF THE NORTHWEST 1/4 L1 16 EAST
OF U.S. 41 (ALT) LESS THE SOUTH 881 FEET THEREOF
SECTION 15, TOWNSHIP 48 SOUTH, RANGE 25 EAST,
COLLIER COUNTY, FLORIDA

EXHIBIT "A"

LEDGEND

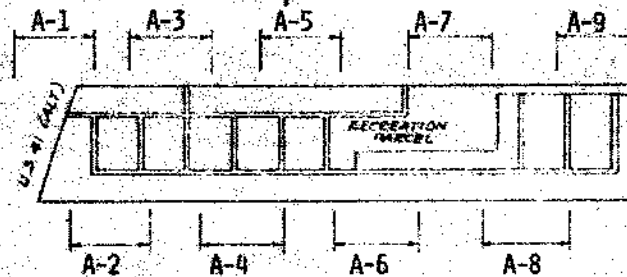


INDICATES PROPOSED PAVEMENT



SHADED PORTION INDICATES EASEMENT TO BE GRANTED
TO THE BOARD OF COUNTY COMMISSIONERS OF COLLIER
COUNTY, FLORIDA

INDICATES SHEET NUMBER



SHEET LOCATION MAP

PREPARED FOR:
LANDMARK ASSOCIATES

PREPARED BY:
WILSON, MILLER, BARTON, SOLL & PEEK, INC.
ENGINEERS, LAND SURVEYORS & PLANNERS
NAPLES, FLORIDA

AUGUST 1980

EXHIBIT "A"
PAGE A - 0

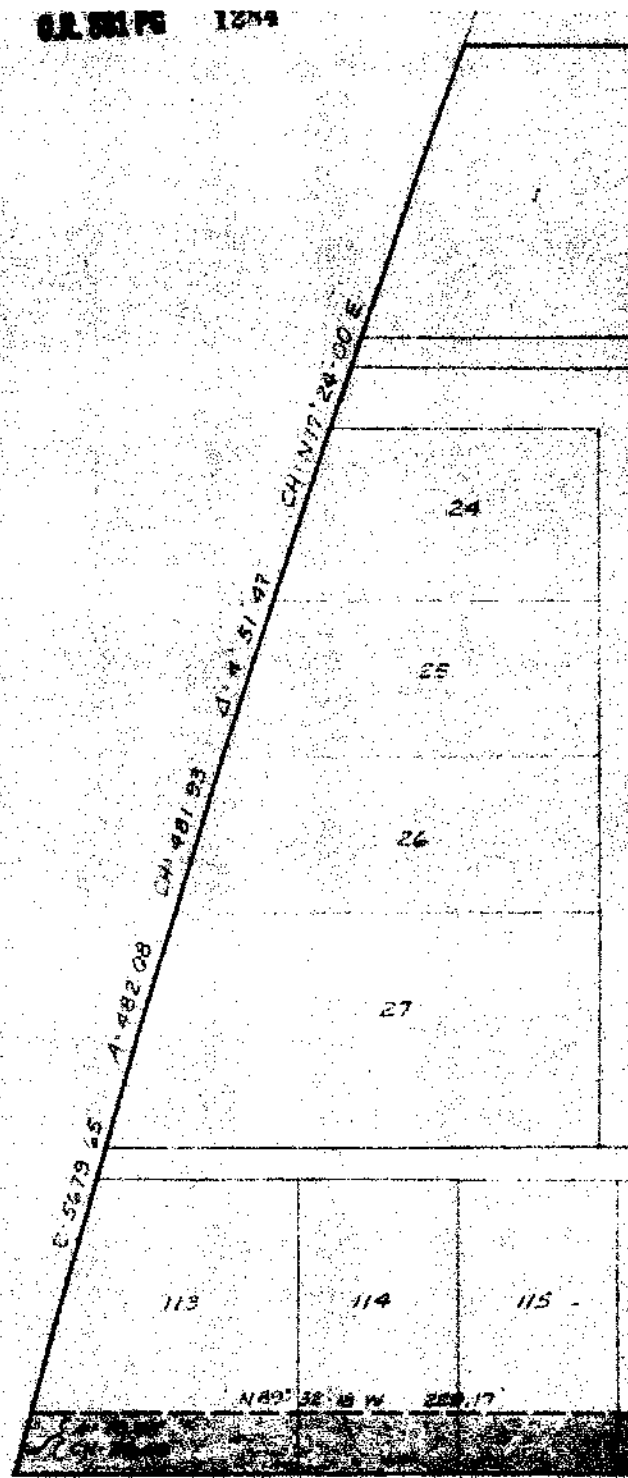
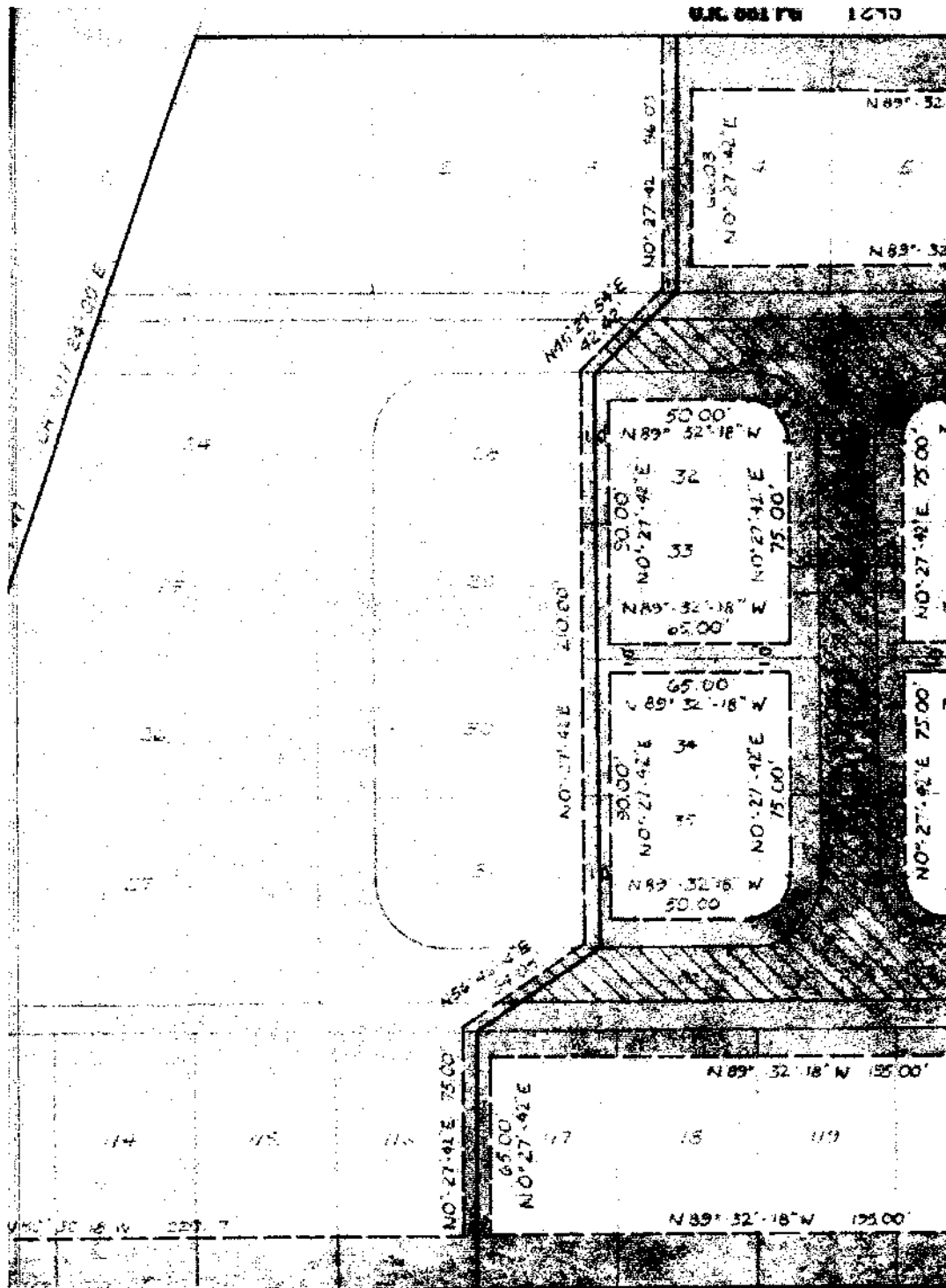


EXHIBIT "A"
PAGE A-1



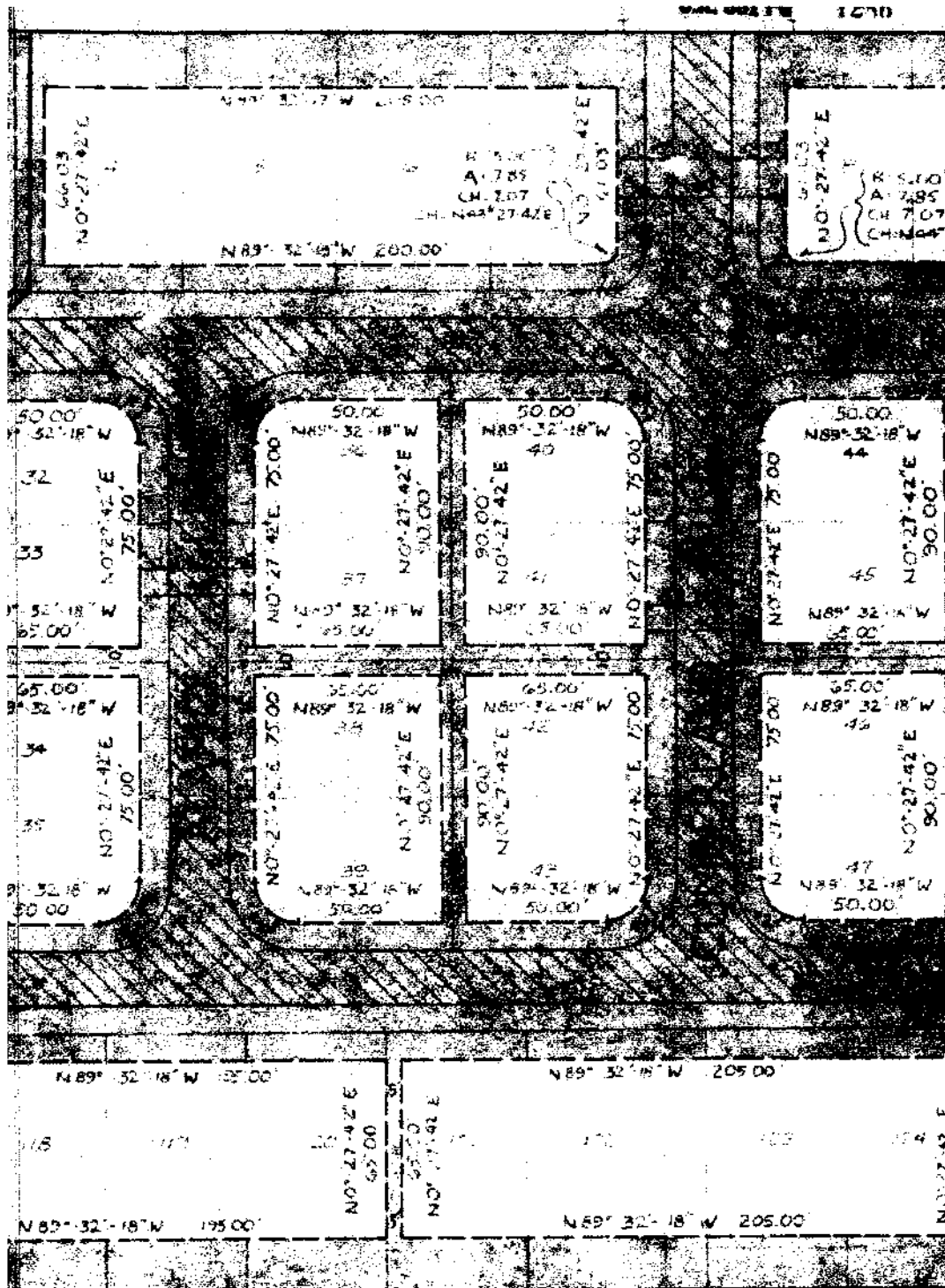
CURVE TABLE

# 1 & # 3	R= 15.00'	A= 23.56'	CH= 21.21'
	$\Delta = 90^\circ$		CH= N 45°-27'-42" E
# 2 & # 4	R= 15.00'	A= 23.56'	CH= 21.21'
	$\Delta = 90^\circ$		CH= N 44°-32'-18" W



EXHIBIT "A"
PAGE A-2

RECORDERS MEMO: Legibility
of writing, Typing or Printing
unsatisfactory to this document
when received.



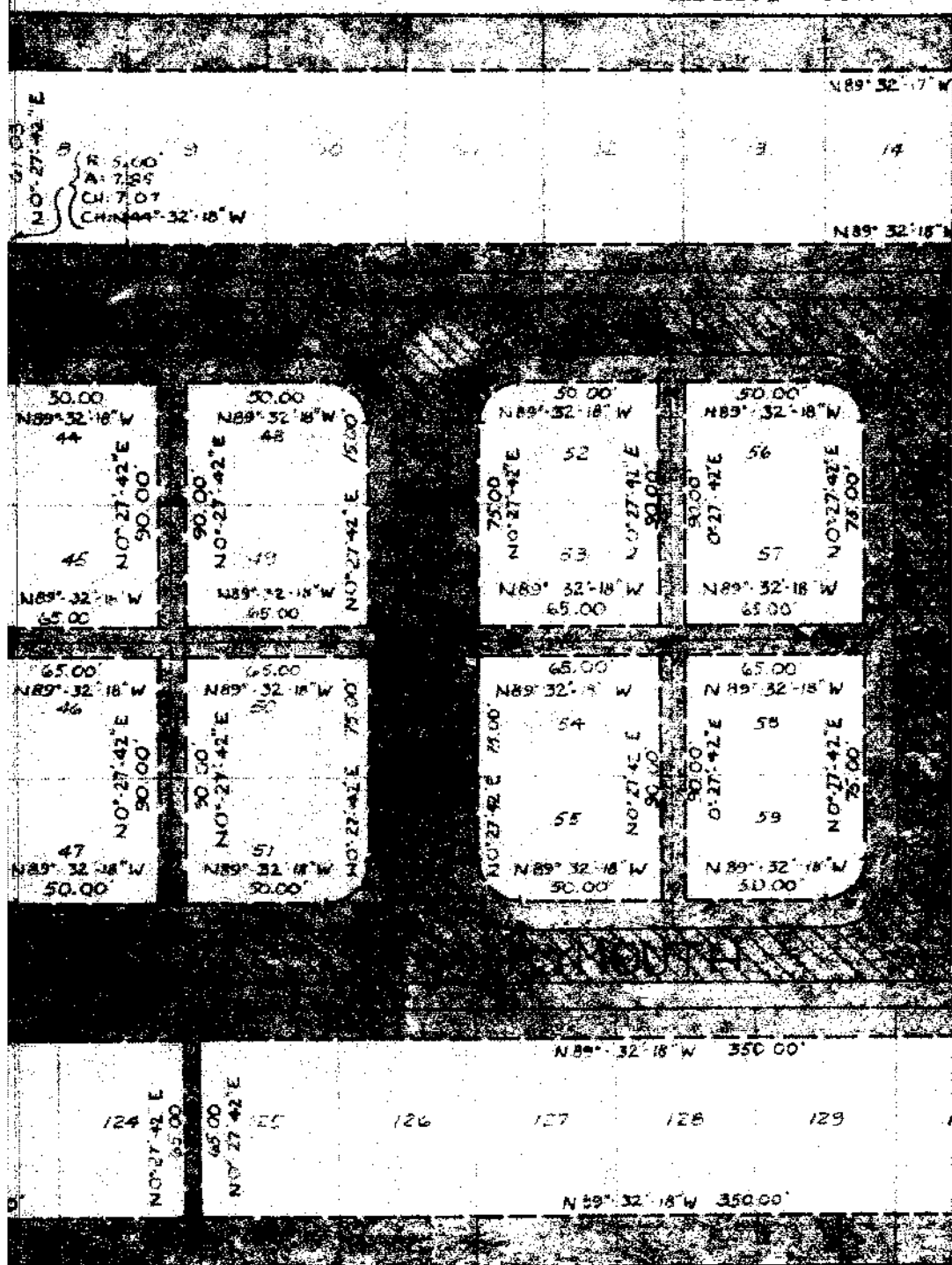
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 Δ= 90° CH= N 45° -27'-42" E
 # 2 & # 4 R= 15.00' A= 23.56' CH= 21.21'
 Δ= 90° CH= N 44° -32'-18" W



EXHIBIT "A"
 PAGE A-3 -

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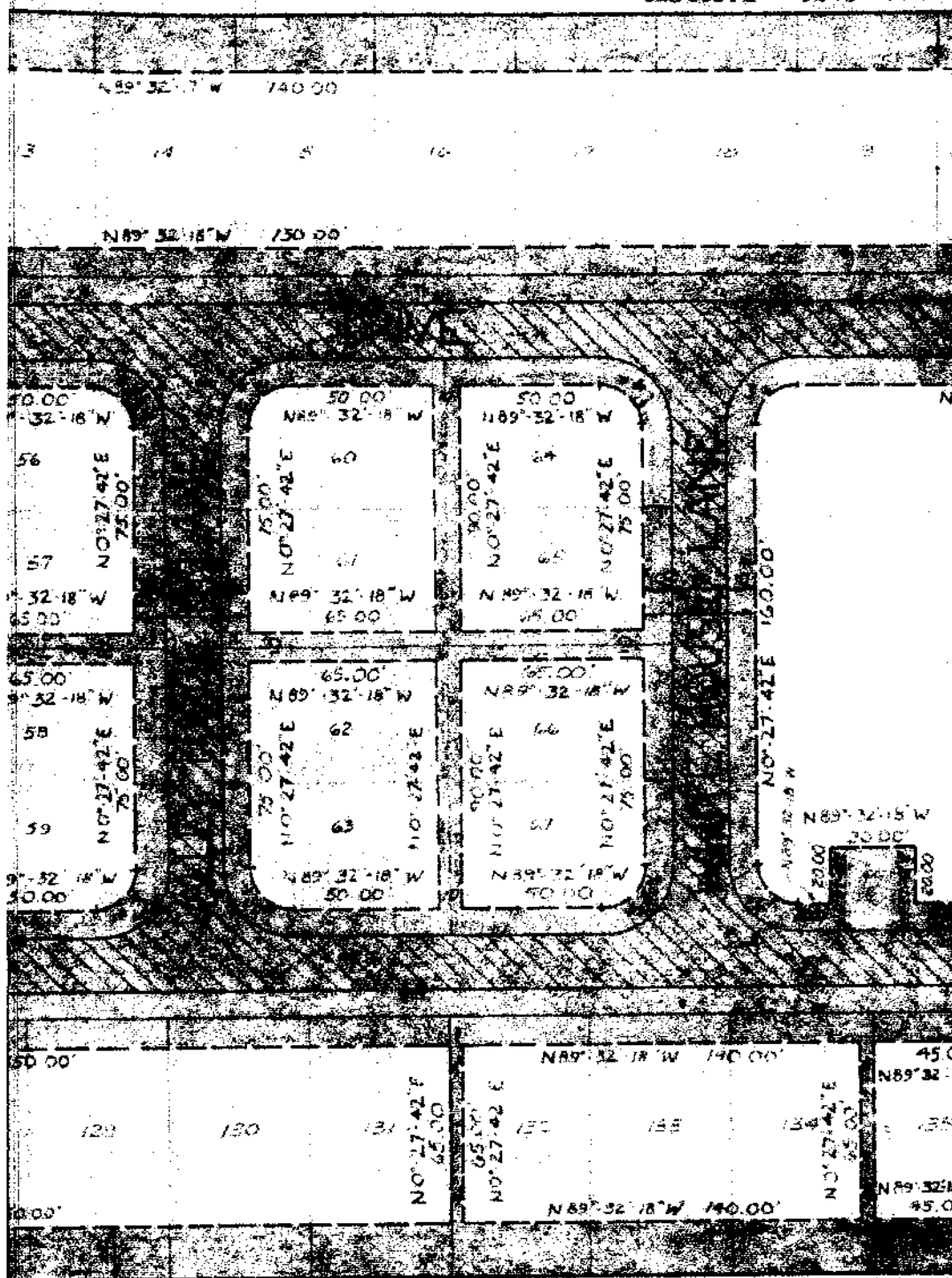
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	Δ= 90°		CH= N 45°-27'-42" E
# 2 & # 4	R= 15.00'	A= 23.56'	CH= 21.21'
	Δ= 90°		CH= N 44°-32'-18" W



EXHIBIT "A"
PAGE A-4

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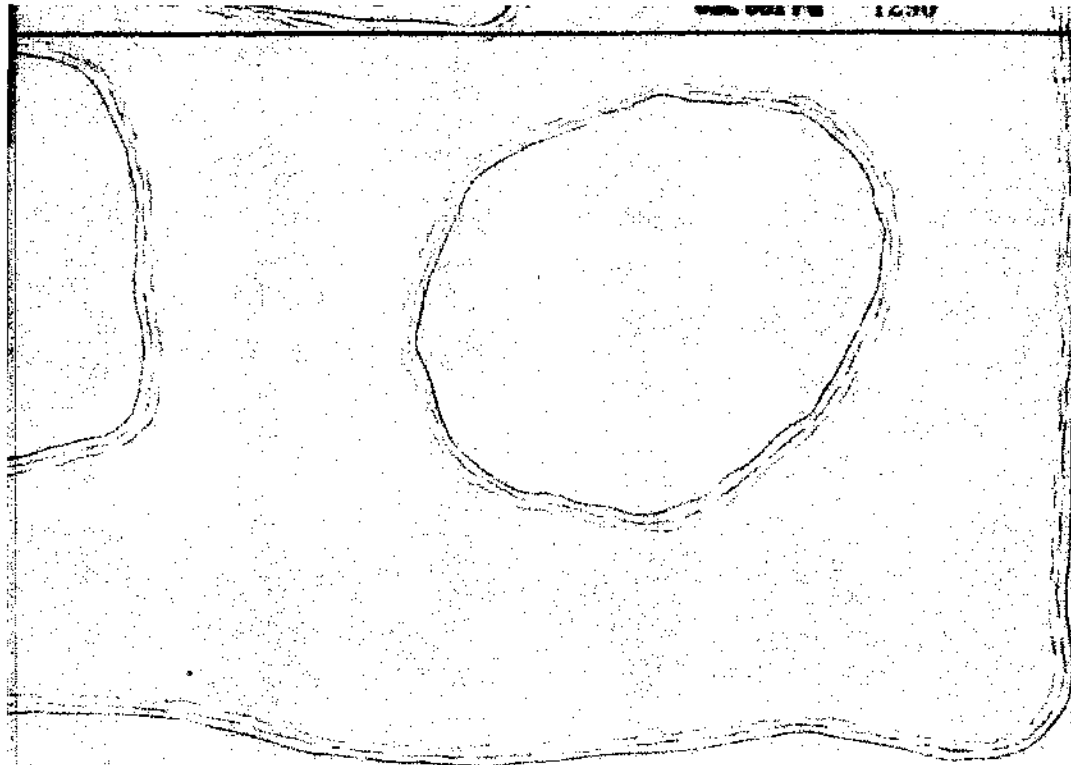
1 & # 3 R= 15.00' A= 23.56' CH= 21.21'
 Δ= 90° CH= N 45°-27'-42" E
 # 2 & # 4 R= 15.00' A= 23.56' CH= 21.21'
 Δ= 90° CH= N 44°-32'-18" W



EXHIBIT "A"
 PAGE A-5

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N 89° 32' 18" W 550.00'

N 89° 32' 18" W 550.00'

72

73

74

75

76

77

78

N 89° 32' 18" W 550.00'

N 89° 32' 18" W 550.00'

0

141

142

143

144

145

146

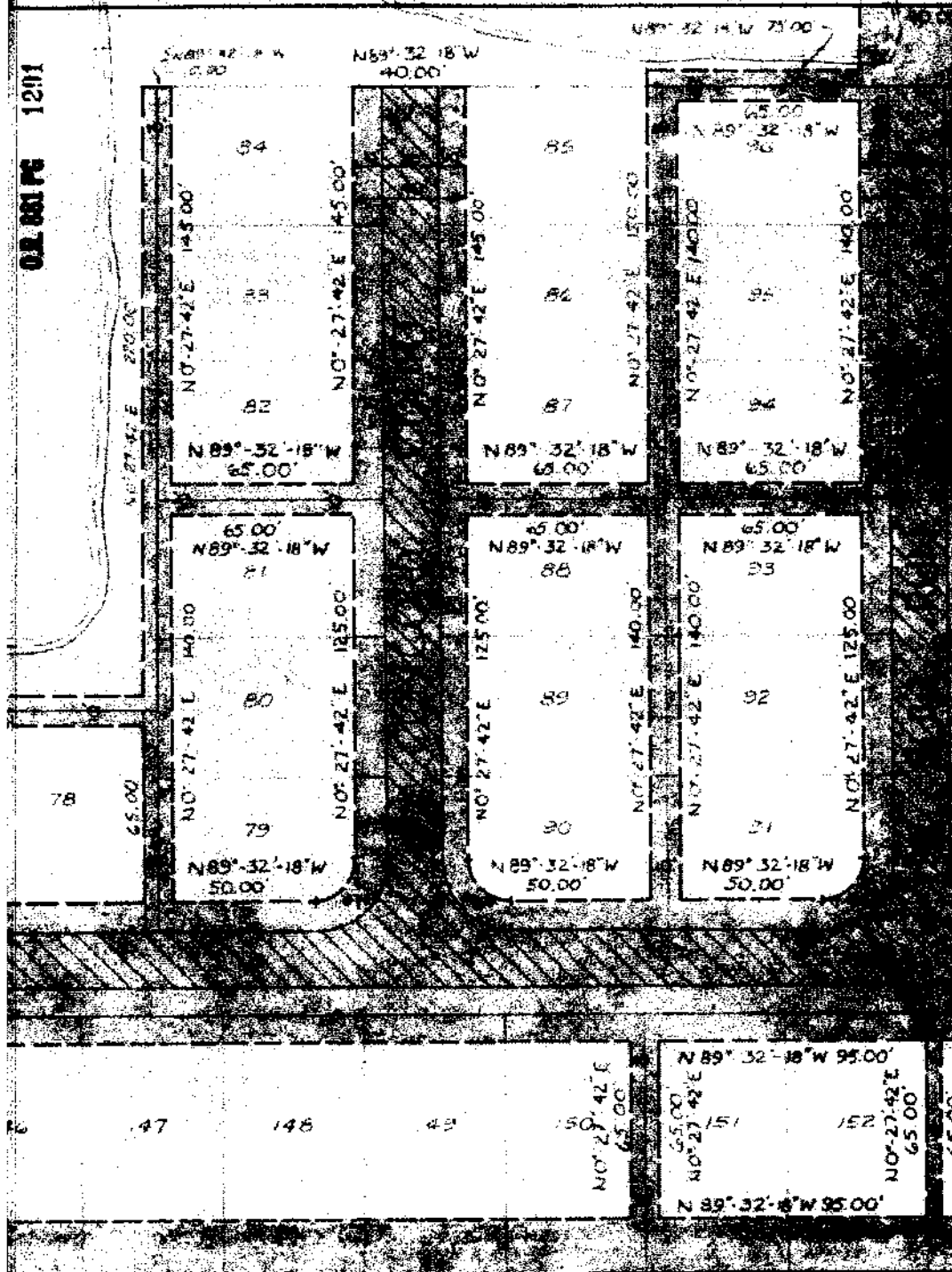
N 89° 32' 18" W 550.00'

N



EXHIBIT "A"
PAGE A-7

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CURVE TABLE

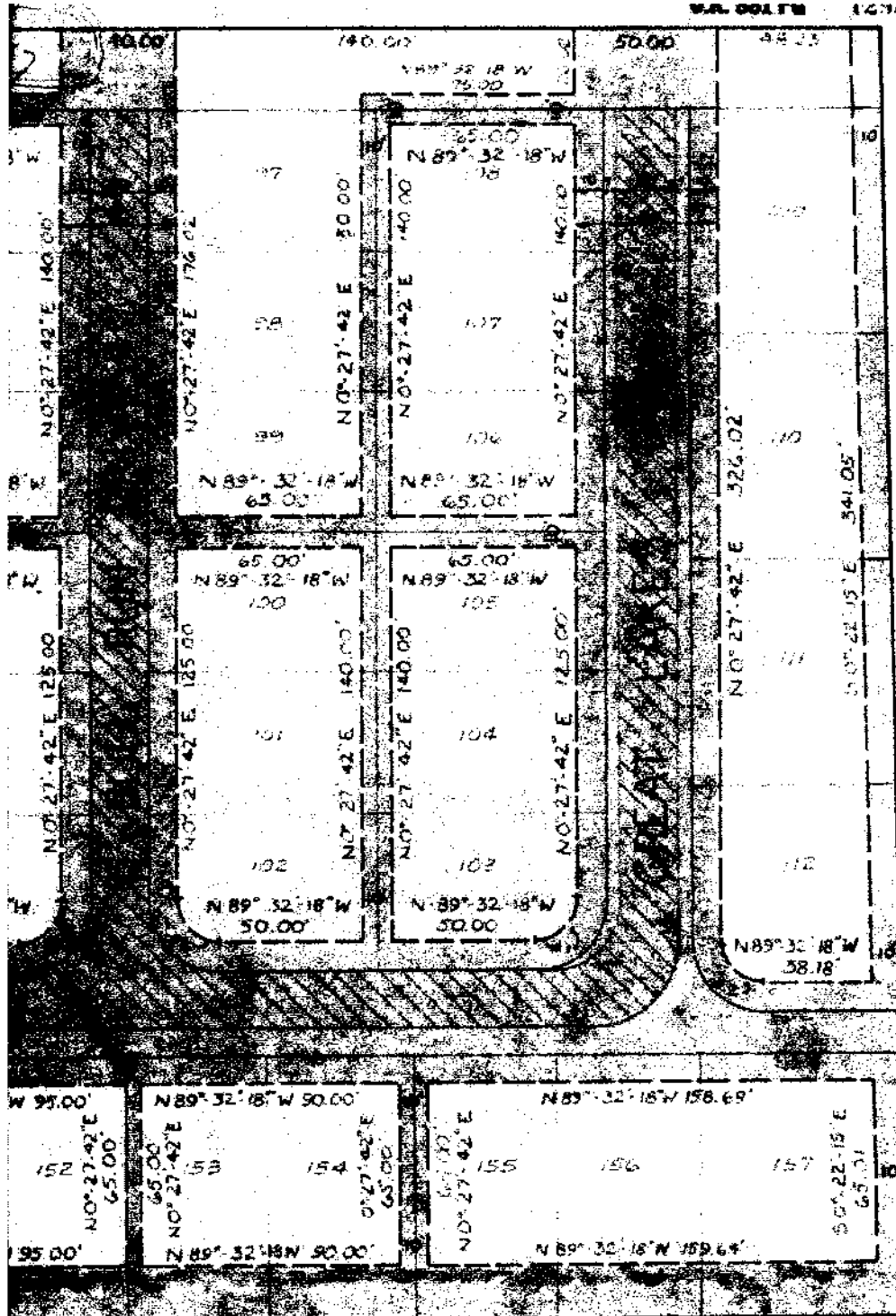
# 1 & # 3	R= 15.00'	A= 23.56'	CH= 21.21'
	Δ = 90°	CH= N 45° -27' -42\"	E
# 2 & # 4	R= 15.00'	A= 23.56'	CH= 21.21'
	Δ = 90°	CH= N 44° -32' -18\"	W

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EXHIBIT "A"
PAGE A-8

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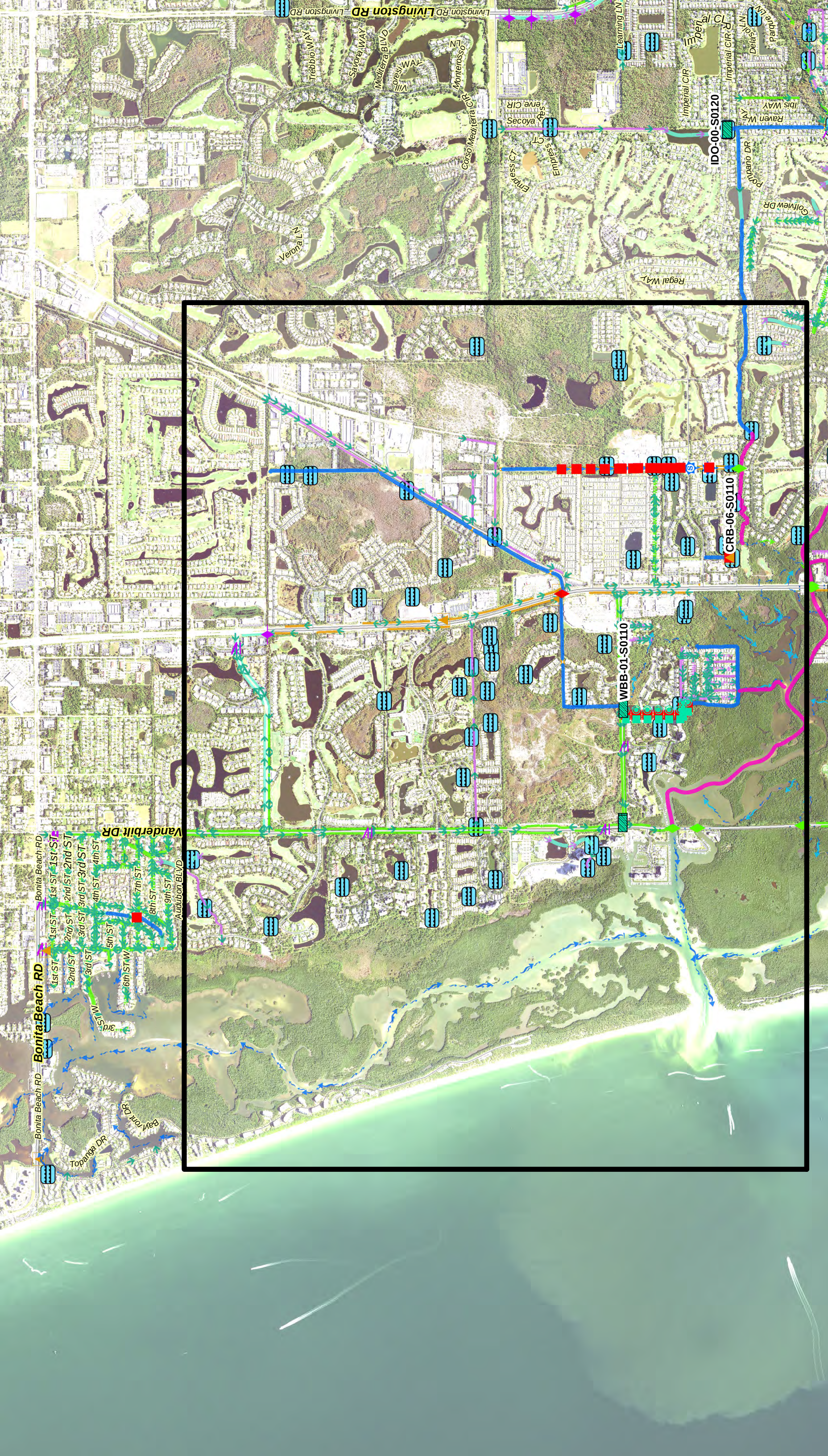
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	Δ= 90°		CH= N 45°-27'-42" E
# 2 & # 4	R= 15.00'	A= 23.56'	CH= 21.21'
	Δ= 90°		CH= N 44°-32'-18" W

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EXHIBIT "A"
PAGE A-9

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Collier County
Road Maintenance Division

FW: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

ChachereKatherine <Katherine.Chachere@colliercountyfl.gov>

Thu 6/18/2020 9:36 AM

To: Matt Dockins <mdockins@rkk.com>; Steven.Andrews@dot.state.fl.us <Steven.Andrews@dot.state.fl.us>

Cc: LulichPamela <Pamela.Lulich@colliercountyfl.gov>; DelateJoseph <Joseph.Delate@colliercountyfl.gov>

 3 attachments (15 MB)

Old 41 Base Maps_5-15-20_UAO.pdf; CollierIrrigation.pdf; US41-Irrigation.pdf;

Matt,

We have no landscape and irrigation on Old 41, Bonita Beach Road, or Race Track Road, but we do on US41. Attached is a Bluebeam pdf showing our landscape and irrigation in the area. Also attached are our irrigation as-built files for that area.

Please let me know if you need any further information or have any questions.

Thank you,

Katherine Chachere, PLA
Project Manager



Road Maintenance Division

Exceeding Expectations Everyday

2885 Horseshoe Drive South, Naples Florida 34104

Phone: 239.252.8924 Fax: 239.774.6406

From: Matt Dockins >

Sent: Wednesday, June 17, 2020 10:49 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <>

Subject: RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

EXTERNAL EMAIL: This email is from an external source. Confirm this is a trusted sender and use extreme caution when opening attachments or clicking links.

EXTERNAL EMAIL: This email is from an external source. Confirm this is a trusted sender and use extreme caution when opening attachments or clicking links.

This is a reminder that we have not received the utility information from your organization by the requested date (June 15, 2020). Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. Please return one set back to FDOT by June 26, 2020.

The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road. Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Thank you,
Matt

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637

813.386.1460 D | 863.682.4081 P
www.rkk.com

Responsive People | Creative Solutions



From: Matt Dockins
Sent: Friday, May 15, 2020 1:42 PM
To: Matt Dockins <mdockins@rkk.com>
Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
Subject: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Subject: ADJUSTMENT OF UTILITIES

CR 887 (Old US 41) Project Development and Environment Study

From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd

Lee and Collier Counties, Florida

FPID No.: 435110-1-22-01 & 435347-1-22-01

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for the project referenced above. The project will evaluate the potential widening of the roadway up to four lanes and may include marked bicycle lanes, sidewalks, and/or a shared-use path. Additionally, the project may evaluate improvements along Bonita Beach Rd and US 41, as needed, in the vicinity of Old US 41. Utilities owned by you may require relocation or adjustment as necessitated by the roadway construction.

As part of the study, the FDOT is required to collect information on all exiting and proposed utilities within the project corridor. **The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road.**

Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. The base maps should be marked to designate the type, size, and location of your existing facilities and the approximate boundaries of easements or other compensatory interest in lands that you now hold along or across the proposed highway right-of-way. **Please return one set back to FDOT by June 15, 2020.** Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Your cooperation on this community project is greatly appreciated. If you have any questions or need additional information, please feel free to contact me via email at steven.andrews@dot.state.fl.us or by phone at (863) 519-2270. Additional information is available on the project website: <http://www.swflroads.com/us41/cr887/>

Sincerely,



Steven Andrews

Project Manager, Environmental Management

cc: Matt Dockins, Consultant Project Manager

Attachments: Set of Base Maps **(to be marked and returned)**

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637

813.386.1460 D | 863.682.4081 P
www.rkk.com

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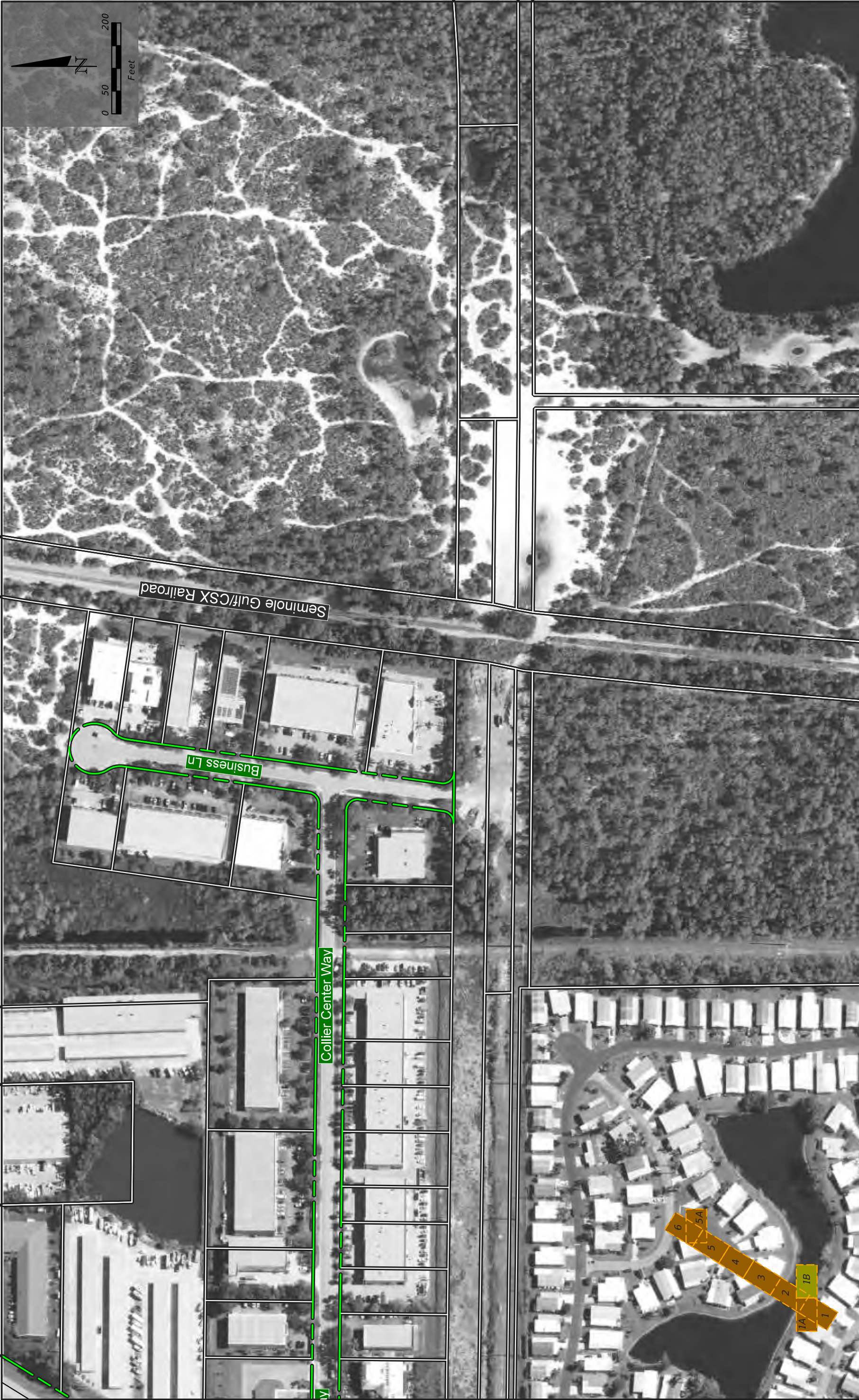
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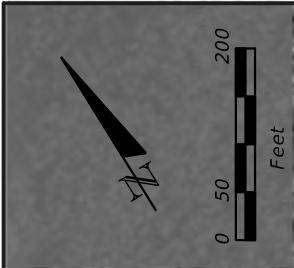


100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS		FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO.
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				CR 887	COLLIER AND LEE	435110-1-22-01		
COLLIER COUNTY								
1A								



COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table><tr><td>ROAD NO.</td><td>COUNTY</td><td>FINANCIAL PROJECT ID</td></tr><tr><td>CR 887</td><td>COLLIER AND LEE</td><td>435110-1-22-01</td></tr></table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CR 887	COLLIER AND LEE	435110-1-22-01	BASE MAP	SHEET NO. 1B
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID							
	CR 887	COLLIER AND LEE	435110-1-22-01							



COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RKSK) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP	SHEET NO. 2	
		ROAD NO.	COUNTY			FINANCIAL PROJECT ID
		CR 887	COLLIER AND LEE			435110-1-22-01

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879



COLLIER COUNTY

100	STATION	EXISTING ROW	PROPERTY LINES	WETLANDS	SURFACE WATERS	FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY CR 887 COLLIER AND LEE	FINANCIAL PROJECT ID 435110-1-22-01	BASE MAP	SHEET NO. 3

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879
5/15/2020 10:24:19 AM

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LEE COUNTY/CITY OF BONITA SPRINGS				BASE MAP		SHEET NO.
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				COUNTY COLLIER AND LEE		4
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				ROAD NO. CR 887	FINANCIAL PROJECT ID 435110-1-22-01	



LEE COUNTY/CITY OF BONITA SPRINGS				BASE MAP		SHEET NO.
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879 5/15/2020 10:24:36 AM				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY CR 887 COLLIER AND LEE FINANCIAL PROJECT ID 435110-1-22-01		5
100	STATION	FUTURE DEVELOPMENT				
1	EXISTING ROW	CONSERVATION EASEMENTS				
2	PROPERTY LINES	CONSERVATION LANDS				
3	WETLANDS					
4	SURFACE WATERS					
5						
6						
1A						
1B						
5A						



LEE COUNTY/CITY OF BONITA SPRINGS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP		SHEET NO.
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	6	
5/15/2020 10:25:44 AM				CR 887	COLLIER AND LEE	435110-1-22-01		

C1-1	C1-2
1.25"	1.25"
40 GPM	4 GPM
SPRAY	BUBBLERS
PR-2.0"	PR-N.A.
12 / 14	12 / 14

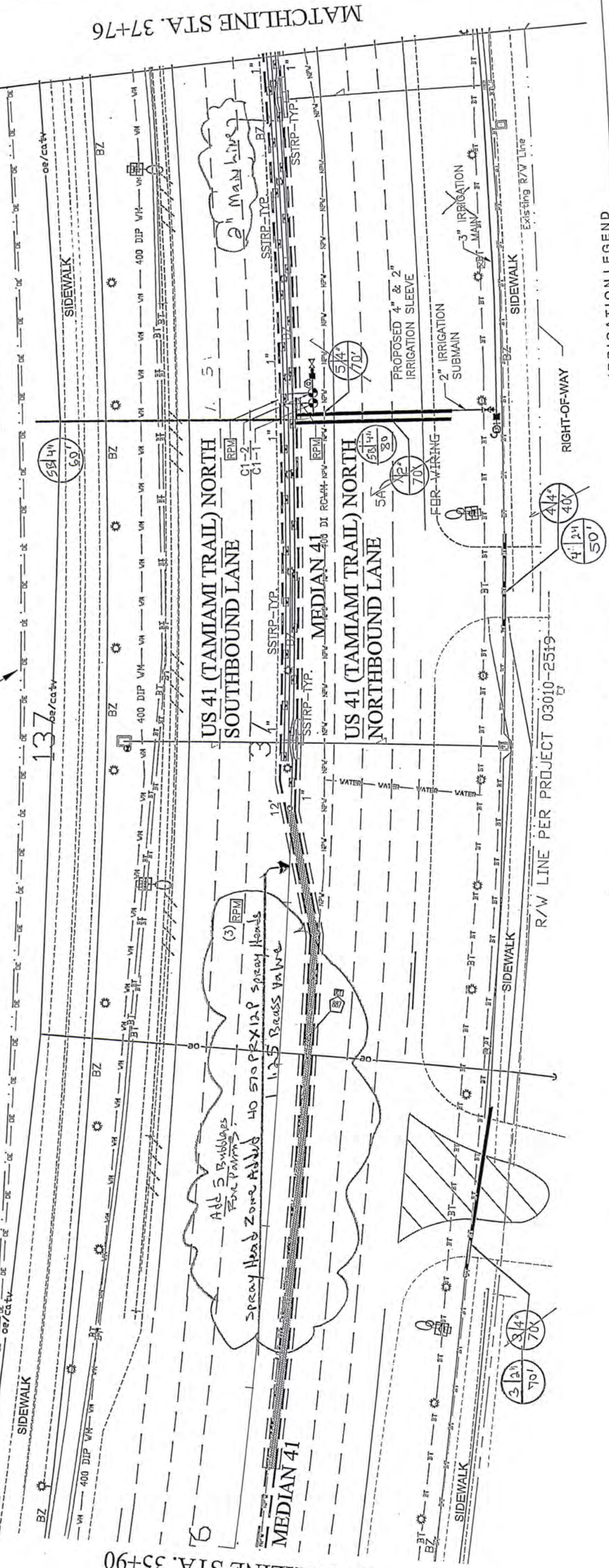
R/W LINE PER PROJECT 03010-2519

RIGHT-OF-WAY

137

MATCHLINE STA. 35+90

MATCHLINE STA. 37+76



GENERAL NOTES

- PIPING AND SOME ELEMENTS ARE SHOWN IN PAVED OR OTHER NON-LANDSCAPE DESIGNATED AREAS FOR GRAPHIC CLARITY ONLY. ACTUAL LOCATION SHALL BE WITHIN THE PROJECT'S LANDSCAPE DESIGNATED AREA.
- IRRIGATION CONTRACTOR SHALL FIELD DETERMINE THE FINAL LOCATIONS FOR IRRIGATION CONTROLLERS AND WATER SOURCES WITH THE PROJECT MANAGER.
- 6" & 2" IRRIGATION SLEEVES AT ALL 3" MAIN LINE CROSSINGS; 6" IRRIGATION SLEEVE AT ALL 2" SUBMAIN CROSSINGS.
- THE CONTRACTOR SHALL EXCAVATE TO LOCATE EXISTING IRRIGATION SLEEVES AS SHOWN ON THE PLANS. IF EXISTING SLEEVES ARE FOUND THEN CONTRACTOR SHALL ADJUST PIPING, WIRING AND/OR VALVE TO UTILIZE EXISTING SLEEVING. EXISTING SLEEVES MAY ALSO NEED TO BE EXTENDED BEYOND EDGE OF PAVING OR CURBING.
- THE IRRIGATION DRAWINGS ARE PRESENTED GRAPHICALLY USING THE METRIC SYSTEM. THE PIPE SIZING AND WATER VOLUME QUANTIFYING ARE LABELED USING THE ENGLISH SYSTEM FOR SUPPLIER AND INSTALLERS READING & COMPREHENSION EASE.
- VALVE BOXES ARE NOT TO BE LOCATED WITHIN THE NARROW TURN LANE MEDIANS. THE VALVE BOXES SHALL BE LOCATED ALONG THE CENTER LINE WITHIN THE WIDER PARTS OF THE MEDIANS.

GENERAL NOTES

- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LANDSCAPE CONTRACTOR AND LOCATING ALL PLANT BEDLINE LOCATIONS PRIOR TO INSTALLING THE SPRINKLERS. NO RISER UNITS SHALL OCCUR WITHIN TURF OR LOW (1" OR LESS MATURE GROWTH HEIGHT) PLANTING AREAS. PROVIDE 12" HIGH POP-UP UNITS WITH ALL PLANTING BEDS WHERE LOW PLANTINGS ARE PROPOSED. REFER TO PLANTING AREAS IN PLAN TO DETERMINE HIGH POP-UP UNIT LOCATIONS.
- LATERAL LINES PIPE SIZES: 1" 1/2, 1-1/4", 1-1/4", 1-1/4", 1-1/2", 2", 2", D. DO NOT EXCEED VELOCITIES OF FIVE FEET PER SECOND.
- PROVIDE (2) FB-100, 1 GPM BUBBLER PRESSURE COMPENSATING FLOOD TYPE BUBBLER PER ROYAL PALM & LARGE CANOPY TREE PLANTED WITHIN A SPRAY IRRIGATION COVERAGE ZONE; FB-50, .5 GPM BUBBLER, SMALL CANOPY OR FLOWERING TREE, FOX OR SABAL PALMS PLANTED WITHIN A SPRAY IRRIGATION COVERAGE ZONE; FB-25, .25 GPM BUBBLER PER THORAX PALM LOCATED WITHIN A SPRAY IRRIGATION COVERAGE ZONE; FB-50, .50 GPM BUBBLER PER FOX TAIL PALM LOCATED WITHIN THE SIDE OF THE ROAD; FB-25, .25 GPM BUBBLER PER SABAL PALM LOCATED WITHIN THE SIDE OF THE ROAD. BUBBLERS SHALL BE ZONED SEPARATE FROM SPRAY HEAD ZONES. BUBBLER ZONE LATERAL LINES SHALL BE 1-1/4" CLASS 200 PVC, IDENTIFIED IN PLAN AS 5Z.

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	IRRIGATION WATER SOURCE: 2" RECLAIMED WATER METER BY COUNTY, AUTOMATED 2" FILTER KIT, DISCHARGE GRAVEL SUMP, BERNARD HYDROMETER VALVE, PUMP STATION & PRESSURE GAUGES BY CONTRACTOR.
	MOTOROLA IRRIGATION CONTROLLER BY COLLIER COUNTY
	IRRIGATION MAIN LINE PRESSURE CHECK POINT. REFER TO DETAIL.
	PROPOSED CASING / SLEEVING. REFER TO PLAN FOR SIZES.
	EXISTING CASING / SLEEVING. REFER TO PLAN FOR SIZES.
	PROPOSED 3" CLASS 200 IRRIGATION MAIN OR 2" IRRIGATION SUBMAIN, PANTONE PURPLE 522C.
	CLASS 200 PVC LATERAL LINE PIPING. REFER TO NOTES FOR SIZES.
	3" IRRIGATION MAIN LINE FLANGED ISOLATION VALVE. SIZE TO PIPING.

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	2" SUBMAIN LINE THREADED ISOLATION VALVE.
	1.25" ZONE CONTROL VALVE WITH DUAL TYPE PRESSURE REGULATOR AND ISOLATION VALVE.
	1" ACME THREADED QUICK COUPLING VALVE.
	IRRIGATION MAIN LINE BLOW-OFF ASSEMBLY. SEE DETAIL.
	2" SUBMAIN BLOW-OFF, 1-1/4" THREADED VALVE.
	TORO 570Z PRX, 570Z PRZ SERIES 12" HIGH POP-UP SPRAY HEAD WITH FLOWSTOP.
	TORO 570Z PRX, 570Z PRZ SERIES 6" HIGH POP-UP SPRAY HEAD WITH FLOWSTOP.
	SIDESTRIP NOZZLE ON POP-UP SPRAY BODY.
	BUBBLERS 1-1/4" LINE TO PALMS / TREES. REFER TO NOTES FOR BUBBLER QUANTITIES & NOZZLE SIZE DESIGNATION.
	GREEN COLOR REFLECTIVE PAVER MARKER (1) UNIT PER ZONE VALVE, AT EACH SIDE OF MEDIAN.

DATE BY DATE BY DATE BY

9-6-05 MAM

DESCRIPTION

ADDED RW TREES

McGee & Associates

Landscape Architecture

DESIGN • ENVIRONMENTAL MANAGEMENT • PLANNING

COLLIER COUNTY

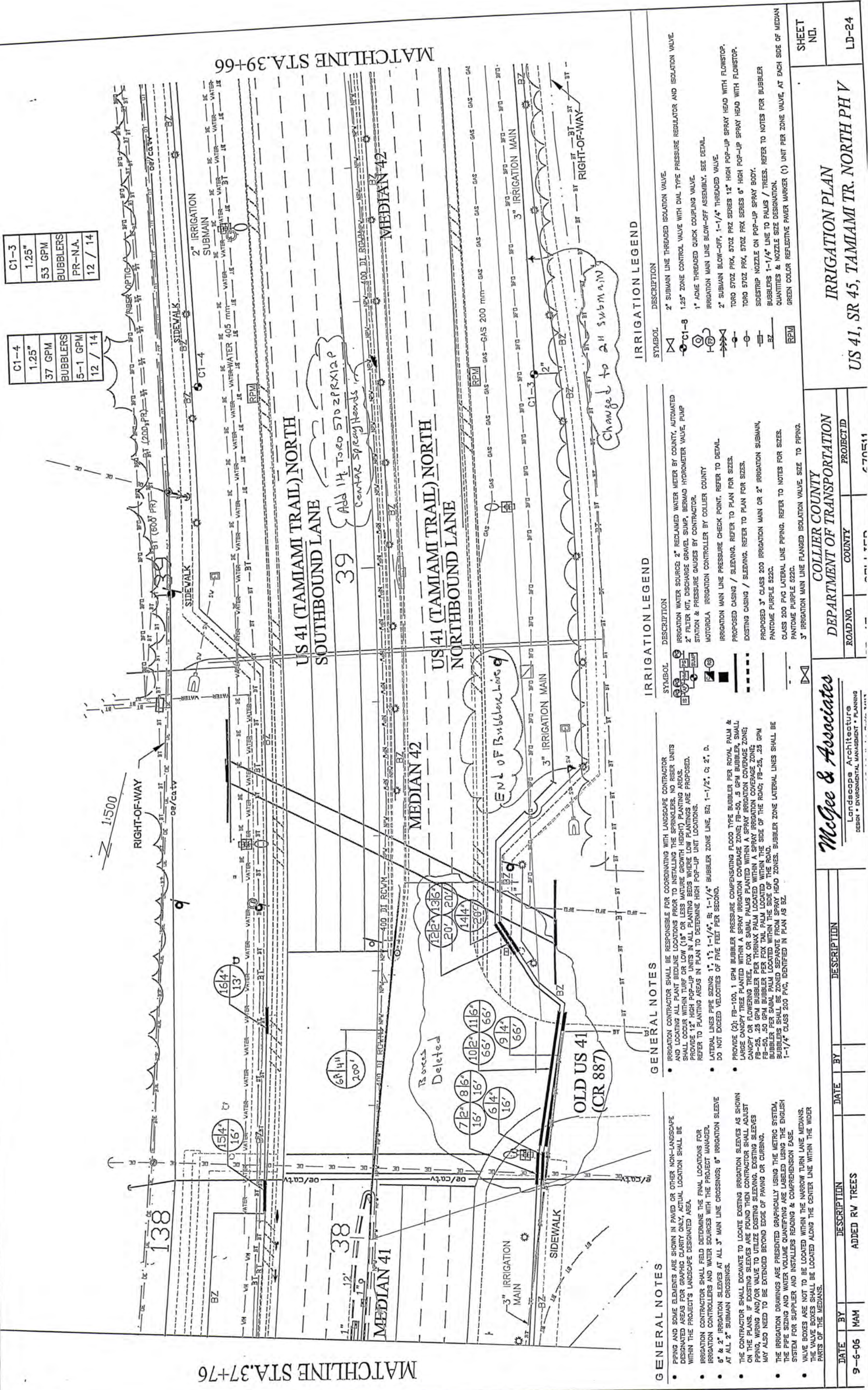
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY PROJECT ID

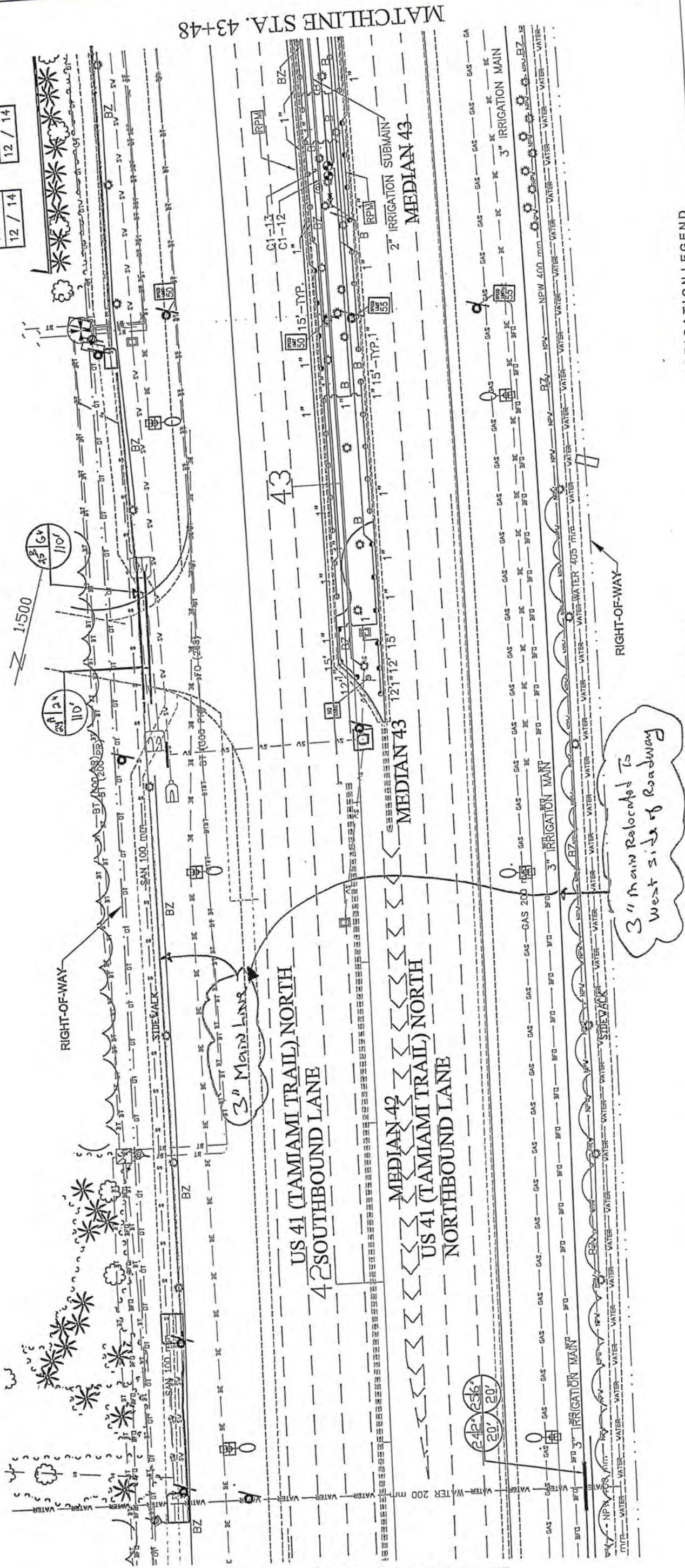
IRRIGATION PLAN

US 41, SR 45, TAMiami TR. NORTH PH V

SHEET NO. LD-23



MATCHLINE STA. 41+57



MATCHLINE STA. 43+48

C1-12	C1-13
1.25"	1.25"
44 GPM	38 GPM
SPRAY	SPRAY
PR-1.5"	PR-1.5"
12 / 14	12 / 14

GENERAL NOTES

- PIPING AND SOME ELEMENTS ARE SHOWN IN PAVED OR OTHER NON-LANDSCAPE DESIGNATED AREAS FOR GRAPHIC CLARITY ONLY. ACTUAL LOCATION SHALL BE WITHIN THE PROJECT'S LANDSCAPE DESIGNATED AREA.
- IRRIGATION CONTRACTOR SHALL FIELD DETERMINE THE FINAL LOCATIONS FOR IRRIGATION CONTROLLERS AND WATER SOURCES WITH THE PROJECT MANAGER.
- IRRIGATION SLEEVES AT ALL 3" MAIN LINE CROSSINGS; 6" IRRIGATION SLEEVE AT ALL 2" SUBMAIN CROSSINGS.
- THE CONTRACTOR SHALL EXCAVATE TO LOCATE EXISTING IRRIGATION SLEEVES AS SHOWN ON THE PLANS. IF EXISTING SLEEVES ARE FOUND THEN CONTRACTOR SHALL ADJUST PIPING, WIRING AND/OR VALVE TO UTILIZE EXISTING SLEEVING. EXISTING SLEEVES MAY ALSO NEED TO BE EXTENDED BEYOND EDGE OF PAVING OR CURBING.
- THE IRRIGATION DRAWINGS ARE PRESENTED GRAPHICALLY USING THE METRIC SYSTEM. THE PIPE SIZING AND WATER VOLUME QUANTIFYING ARE LABELED USING THE ENGLISH SYSTEM FOR SUPPLIER AND INSTALLERS READING & COMPREHENSION EASE.
- VALVE BOXES ARE NOT TO BE LOCATED WITHIN THE NARROW TURN LANE MEDIANS. THE VALVE BOXES SHALL BE LOCATED ALONG THE CENTER LINE WITHIN THE WIDER PARTS OF THE MEDIANS.

GENERAL NOTES

- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LANDSCAPE CONTRACTOR AND LOCATING ALL PLANT BEDLINE LOCATIONS PRIOR TO INSTALLING THE SPRINKLERS. NO RISER UNITS SHALL OCCUR WITHIN TURF OR LOW (18" OR LESS MATURE GROWTH HEIGHT) PLANTING AREAS. PROVIDE 12" HIGH POP-UP UNITS IN ALL PLANTING BEDS WHERE LOW PLANTINGS ARE PROPOSED. REFER TO PLANTING AREAS IN PLAN TO DETERMINE HIGH POP-UP UNIT LOCATIONS.
- LATERAL LINES PIPE SIZES: 1", 1.5", 1-1/4", 1-1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 30", 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", 96", 102", 108", 114", 120", 126", 132", 138", 144", 150", 156", 162", 168", 174", 180", 186", 192", 198", 204", 210", 216", 222", 228", 234", 240", 246", 252", 258", 264", 270", 276", 282", 288", 294", 300", 306", 312", 318", 324", 330", 336", 342", 348", 354", 360", 366", 372", 378", 384", 390", 396", 402", 408", 414", 420", 426", 432", 438", 444", 450", 456", 462", 468", 474", 480", 486", 492", 498", 504", 510", 516", 522", 528", 534", 540", 546", 552", 558", 564", 570", 576", 582", 588", 594", 600", 606", 612", 618", 624", 630", 636", 642", 648", 654", 660", 666", 672", 678", 684", 690", 696", 702", 708", 714", 720", 726", 732", 738", 744", 750", 756", 762", 768", 774", 780", 786", 792", 798", 804", 810", 816", 822", 828", 834", 840", 846", 852", 858", 864", 870", 876", 882", 888", 894", 900", 906", 912", 918", 924", 930", 936", 942", 948", 954", 960", 966", 972", 978", 984", 990", 996", 1002", 1008", 1014", 1020", 1026", 1032", 1038", 1044", 1050", 1056", 1062", 1068", 1074", 1080, 1086, 1092, 1098, 1104, 1110, 1116, 1122, 1128, 1134, 1140, 1146, 1152, 1158, 1164, 1170, 1176, 1182, 1188, 1194, 1200, 1206, 1212, 1218, 1224, 1230, 1236, 1242, 1248, 1254, 1260, 1266, 1272, 1278, 1284, 1290, 1296, 1302, 1308, 1314, 1320, 1326, 1332, 1338, 1344, 1350, 1356, 1362, 1368, 1374, 1380, 1386, 1392, 1398, 1404, 1410, 1416, 1422, 1428, 1434, 1440, 1446, 1452, 1458, 1464, 1470, 1476, 1482, 1488, 1494, 1500.
- DO NOT EXCEED VELOCITIES OF FIVE FEET PER SECOND.
- PROVIDE (2) FB-100, 1 GPM BUBBLER PRESSURE COMPENSATING FLOOD TYPE BUBBLER PER ROYAL PALM & LARGE CANOPY TREE PLANTED WITHIN A SPRAY IRRIGATION COVERAGE ZONE; FB-50, .5 GPM BUBBLER, SMALL CANOPY OR FLOWERING TREE, FOX OR SABAL PALMS PLANTED WITHIN A SPRAY IRRIGATION COVERAGE ZONE; FB-25, .25 GPM BUBBLER PER THINAX PALM LOCATED WITHIN A SPRAY IRRIGATION COVERAGE ZONE; FB-25, .25 GPM BUBBLER PER FOX TAIL PALM LOCATED WITHIN THE SIDE OF THE ROAD; FB-25, .25 GPM BUBBLER PER SABAL PALM LOCATED WITHIN THE SIDE OF THE ROAD. BUBBLER PER SABAL PALM LOCATED WITHIN THE SIDE OF THE ROAD. BUBBLERS SHALL BE ZONED SEPARATE FROM SPRAY HEAD ZONES. BUBBLER ZONE LATERAL LINES SHALL BE 1-1/4" CLASS 200 PVC, IDENTIFIED IN PLAN AS BZ.

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	IRRIGATION WATER SOURCE: 2" RECLAIMED WATER METER BY COUNTY, AUTOMATED 2" FILTER KIT, DISCHARGE GRAVEL SUMP, BERMAD HYDROMETER VALVE, PUMP STATION & PRESSURE GAUGES BY CONTRACTOR.
	MOTOROLA IRRIGATION CONTROLLER BY COLLIER COUNTY
	IRRIGATION MAIN LINE PRESSURE CHECK POINT. REFER TO DETAIL.
	PROPOSED CASING / SLEEVING. REFER TO PLAN FOR SIZES.
	EXISTING CASING / SLEEVING. REFER TO PLAN FOR SIZES.
	PROPOSED 3" CLASS 200 IRRIGATION MAIN OR 2" IRRIGATION SUBMAIN.
	PANTONE PURPLE 522C.
	CLASS 200 PVC LATERAL LINE PIPING. REFER TO NOTES FOR SIZES.
	PANTONE PURPLE 522C.
	3" IRRIGATION MAIN LINE FLANGED ISOLATION VALVE. SIZE TO PIPING.

IRRIGATION LEGEND

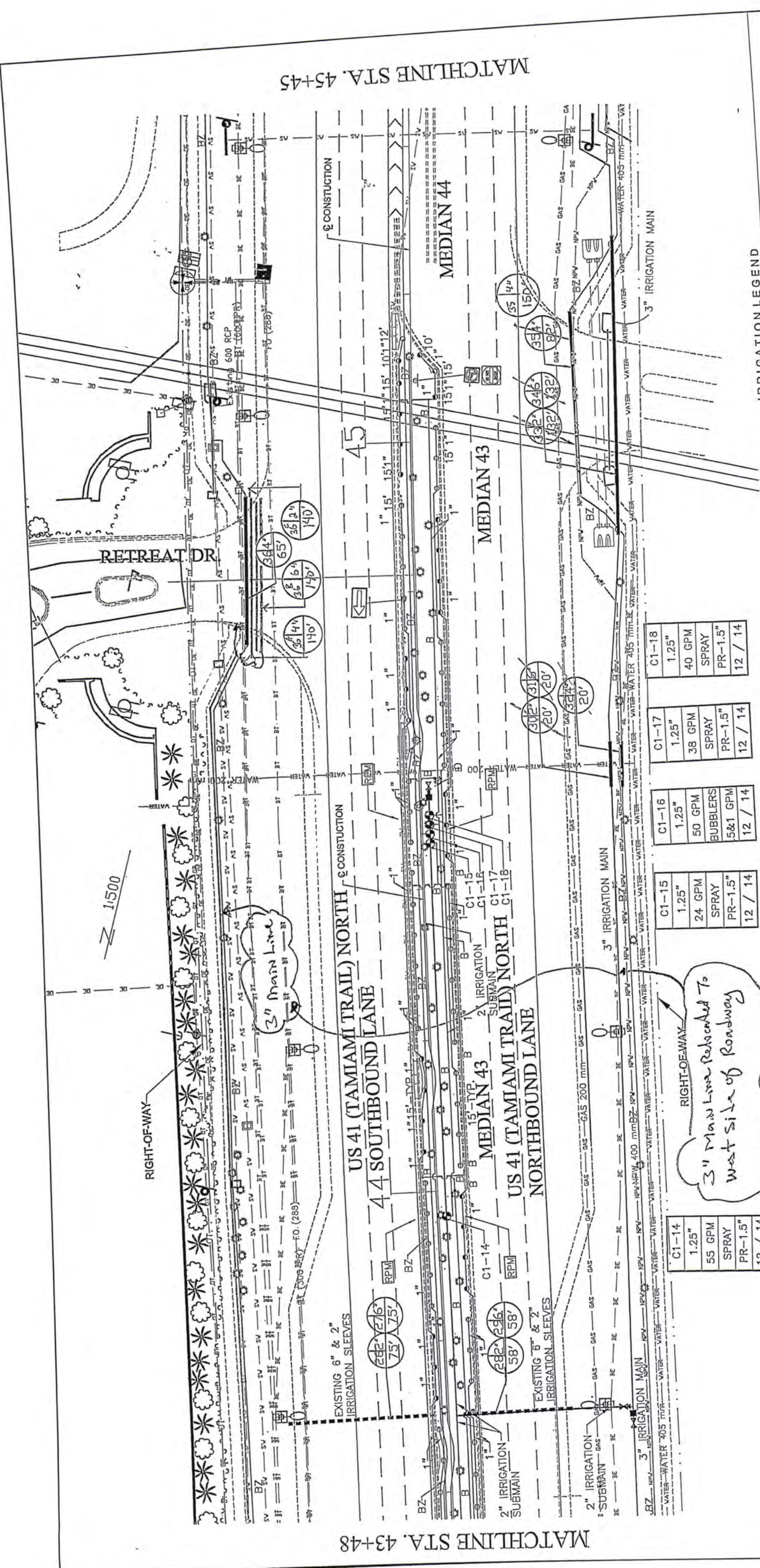
SYMBOL	DESCRIPTION
	2" SUBMAIN LINE THREADED ISOLATION VALVE.
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	IRRIGATION MAIN LINE BLOW-OFF ASSEMBLY. SEE DETAIL.
	2" SUBMAIN BLOW-OFF, 1-1/4" THREADED VALVE.
	TORO 570Z PROX, 570Z PROX SERIES 6" HIGH POP-UP SPRAY HEAD WITH FLOWSTOP.
	SIDESTRIP NOZZLE ON POP-UP SPRAY BODY.
	BUBBLERS 1-1/4" LINE TO PALMS / TREES. REFER TO NOTES FOR BUBBLER QUANTITIES & NOZZLE SIZE DESIGNATION.
	GREEN COLOR REFLECTIVE PAVEMENT MARKER (1) UNIT PER ZONE VALVE, AT EACH SIDE OF MEDIAN.

DATE	BY	DESCRIPTION
9-6-06	MAN	ADDED RV TREES

McGee & Associates
Landscape Architecture
DESIGN • ENVIRONMENTAL MANAGEMENT • PLANNING

ROAD NO.	COUNTY	PROJECT ID

COLLIER COUNTY DEPARTMENT OF TRANSPORTATION	
IRRIGATION PLAN	
US 41, SR 45, TAMAMI TR. NORTH PH V	
SHEET NO.	LD-26



- GENERAL NOTES**
- PIPING AND SOME ELEMENTS ARE SHOWN IN PAVED OR OTHER NON-LANDSCAPE DESIGNATED AREAS FOR CLARITY ONLY. ACTUAL LOCATION SHALL BE WITHIN THE PROJECT'S LANDSCAPE DESIGNATED AREA.
 - THE CONTRACTOR SHALL FIELD DETERMINE THE FINAL LOCATIONS FOR IRRIGATION CONTROLLERS AND WATER SOURCES WITH THE PROJECT MANAGER.
 - AT ALL 2" SUBMAIN CROSSINGS, 6" IRRIGATION SLEEVES
 - THE CONTRACTOR SHALL EXCAVATE TO LOCATE EXISTING IRRIGATION SLEEVES AS SHOWN ON THE PLANS. IF EXISTING SLEEVES ARE FOUND THEN CONTRACTOR SHALL ADJUST PIPING, WIRING AND/OR VALVE TO UTILIZE EXISTING SLEEVING. EXISTING SLEEVES MAY ALSO NEED TO BE EXTENDED BEYOND EDGE OF PAVING OR CURBING.
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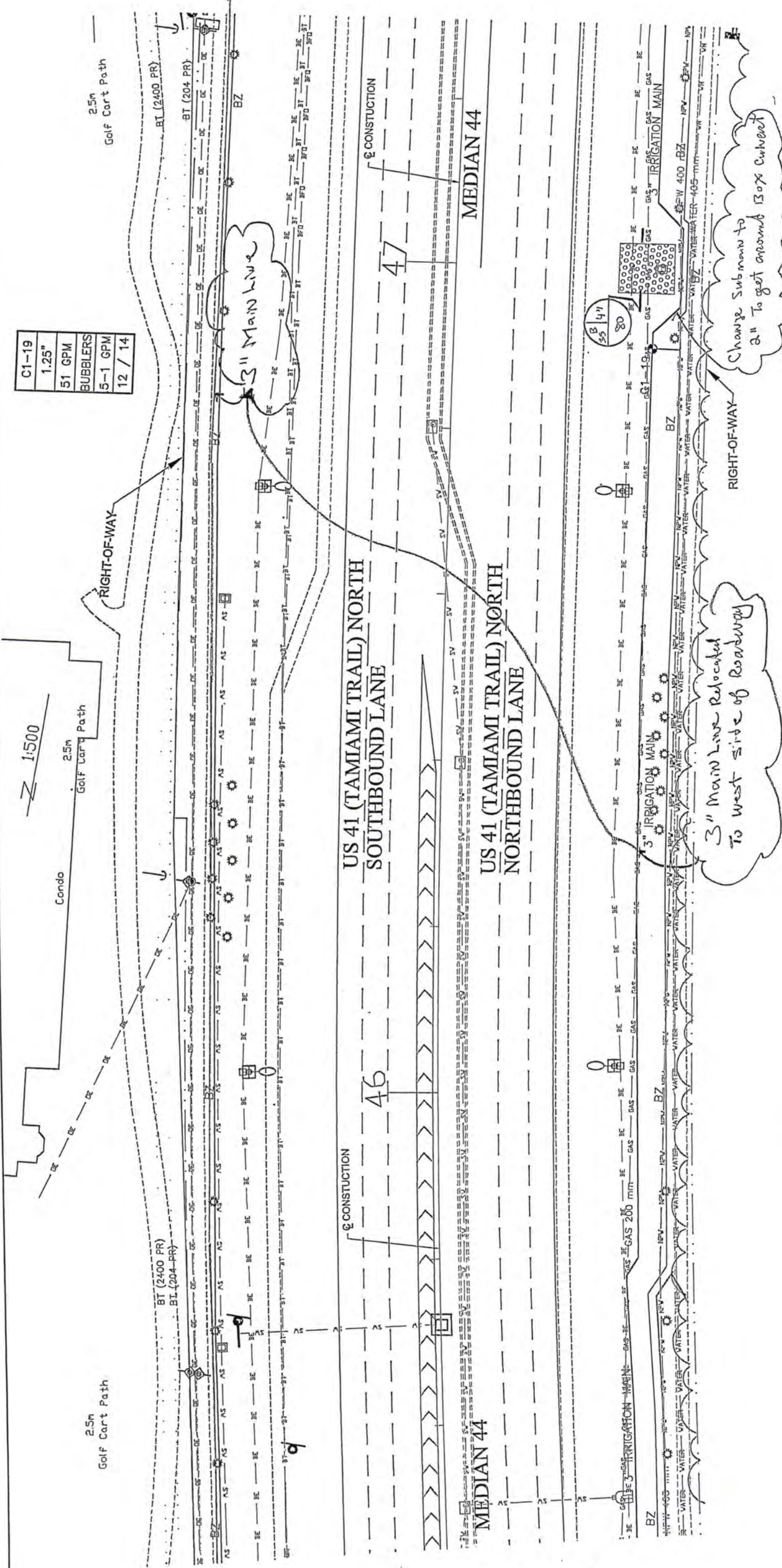
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- GENERAL NOTES**
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LANDSCAPE CONTRACTOR AND LOCATING ALL PLANT BEDLINE LOCATIONS PRIOR TO INSTALLING THE SPRINKLERS. NO RISER UNITS SHALL OCCUR WITHIN TUBE OR LOW (18" OR LESS MATURE GROWTH HEIGHT) PLANTING AREAS. PROVIDE 12" HIGH POP-UP UNITS IN ALL PLANTING BEDS WHERE LOW PLANTINGS ARE PROPOSED. REFER TO PLANTING AREAS IN PLAN TO DETERMINE HIGH POP-UP UNIT LOCATIONS.
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- GENERAL NOTES**
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LANDSCAPE CONTRACTOR AND LOCATING ALL PLANT BEDLINE LOCATIONS PRIOR TO INSTALLING THE SPRINKLERS. NO RISER UNITS SHALL OCCUR WITHIN TUBE OR LOW (18" OR LESS MATURE GROWTH HEIGHT) PLANTING AREAS. PROVIDE 12" HIGH POP-UP UNITS IN ALL PLANTING BEDS WHERE LOW PLANTINGS ARE PROPOSED. REFER TO PLANTING AREAS IN PLAN TO DETERMINE HIGH POP-UP UNIT LOCATIONS.
 - LATERAL LINES PIPE SIZING: 1", 1.5", 1-1/4", 1-1/2", 2", 2.5", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 28", 32", 36", 40", 48", 56", 64", 72", 80", 96", 112", 128", 144", 160", 176", 192", 208", 224", 240", 256", 272", 288", 304", 320", 336", 352", 368", 384", 400, 416, 432, 448, 464, 480, 496, 512, 528, 544, 560, 576, 592, 608, 624, 640, 656, 672, 688, 704, 720, 736, 752, 768, 784, 800, 816, 832, 848, 864, 880, 896, 912, 928, 944, 960, 976, 992, 1008, 1024, 1040, 1056, 1072, 1088, 1104, 1120, 1136, 1152, 1168, 1184, 1200, 1216, 1232, 1248, 1264, 1280, 1296, 1312, 1328, 1344, 1360, 1376, 1392, 1408, 1424, 1440, 1456, 1472, 1488, 1504, 1520, 1536, 1552, 1568, 1584, 1600, 1616, 1632, 1648, 1664, 1680, 1696, 1712, 1728, 1744, 1760, 1776, 1792, 1808, 1824, 1840, 1856, 1872, 1888, 1904, 1920, 1936, 1952, 1968, 1984, 2000, 2016, 2032, 2048, 2064, 2080, 2096, 2112, 2128, 2144, 2160, 2176, 2192, 2208, 2224, 2240, 2256, 2272, 2288, 2304, 2320, 2336, 2352, 2368, 2384, 2400, 2416, 2432, 2448, 2464, 2480, 2496, 2512, 2528, 2544, 2560, 2576, 2592, 2608, 2624, 2640, 2656, 2672, 2688, 2704, 2720, 2736, 2752, 2768, 2784, 2800, 2816, 2832, 2848, 2864, 2880, 2896, 2912, 2928, 2944, 2960, 2976, 2992, 3008, 3024, 3040, 3056, 3072, 3088, 3104, 3120, 3136, 3152, 3168, 3184, 3200, 3216, 3232, 3248, 3264, 3280, 3296, 3312, 3328, 3344, 3360, 3376, 3392, 3408, 3424, 3440, 3456, 3472, 3488, 3504, 3520, 3536, 3552, 3568, 3584, 3600, 3616, 3632, 3648, 3664, 3680, 3696, 3712, 3728, 3744, 3760, 3776, 3792, 3808, 3824, 3840, 3856, 3872, 3888, 3904, 3920, 3936, 3952, 3968, 3984, 4000, 4016, 4032, 4048, 4064, 4080, 4096, 4112, 4128, 4144, 4160, 4176, 4192, 4208, 4224, 4240, 4256, 4272, 4288, 4304, 4320, 4336, 4352, 4368, 4384, 4400, 4416, 4432, 4448, 4464, 4480, 4496, 4512, 4528, 4544, 4560, 4576, 4592, 4608, 4624, 4640, 4656, 4672, 4688, 4704, 4720, 4736, 4752, 4768, 4784, 4800, 4816, 4832, 4848, 4864, 4880, 4896, 4912, 4928, 4944, 4960, 4976, 4992, 5008, 5024, 5040, 5056, 5072, 5088, 5104, 5120, 5136, 5152, 5168, 5184, 5200, 5216, 5232, 5248, 5264, 5280, 5296, 5312, 5328, 5344, 5360, 5376, 5392, 5408, 5424, 5440, 5456, 5472, 5488, 5504, 5520, 5536, 5552, 5568, 5584, 5600, 5616, 5632, 5648, 5664, 5680, 5696, 5712, 5728, 5744, 5760, 5776, 5792, 5808, 5824, 5840, 5856, 5872, 5888, 5904, 5920, 5936, 5952, 5968, 5984, 6000, 6016, 6032, 6048, 6064, 6080, 6096, 6112, 6128, 6144, 6160, 6176, 6192, 6208, 6224, 6240, 6256, 6272, 6288, 6304, 6320, 6336, 6352, 6368, 6384, 6400, 6416, 6432, 6448, 6464, 6480, 6496, 6512, 6528, 6544, 6560, 6576, 6592, 6608, 6624, 6640, 6656, 6672, 6688, 6704, 6720, 6736, 6752, 6768, 6784, 6800, 6816, 6832, 6848, 6864, 6880, 6896, 6912, 6928, 6944, 6960, 6976, 6992, 7008, 7024, 7040, 7056, 7072, 7088, 7104, 7120, 7136, 7152, 7168, 7184, 7200, 7216, 7232, 7248, 7264, 7280, 7296, 7312, 7328, 7344, 7360, 7376, 7392, 7408, 7424, 7440, 7456, 7472, 7488, 7504, 7520, 7536, 7552, 7568, 7584, 7600, 7616, 7632, 7648, 7664, 7680, 7696, 7712, 7728, 7744, 7760, 7776, 7792, 7808, 7824, 7840, 7856, 7872, 7888, 7904, 7920, 7936, 7952, 7968, 7984, 8000, 8016, 8032, 8048, 8064, 8080, 8096, 8112, 8128, 8144, 8160, 8176, 8192, 8208, 8224, 8240, 8256, 8272, 8288, 8304, 8320, 8336, 8352, 8368, 8384, 8400, 8416, 8432, 8448, 8464, 8480, 8496, 8512, 8528, 8544, 8560, 8576, 8592, 8608, 8624, 8640, 8656, 8672, 8688, 8704, 8720, 8736, 8752, 8768, 8784, 8800, 8816, 8832, 8848, 8864, 8880, 8896, 8912, 8928, 8944, 8960, 8976, 8992, 9008, 9024, 9040, 9056, 9072, 9088, 9104, 9120, 9136, 9152, 9168, 9184, 9200, 9216, 9232, 9248, 9264, 9280, 9296, 9312, 9328, 9344, 9360, 9376, 9392, 9408, 9424, 9440, 9456, 9472, 9488, 9504, 9520, 9536, 9552, 9568, 9584, 9600, 9616, 9632, 9648, 9664, 9680, 9696, 9712, 9728, 9744, 9760, 9776, 9792, 9808, 9824, 9840, 9856, 98

MATCHLINE STA. 45+45

MATCHLINE STA. 47+20



GENERAL NOTES

- PIPING AND SOME ELEMENTS ARE SHOWN IN PAVED OR OTHER NON-LANDSCAPE DESIGNATED AREAS FOR GRAPHIC CLARITY ONLY. ACTUAL LOCATION SHALL BE WITHIN THE PROJECT'S LANDSCAPE DESIGNATED AREA.
- IRRIGATION CONTRACTOR SHALL FIELD DETERMINE THE FINAL LOCATIONS FOR IRRIGATION CONTROLLERS AND WATER SOURCES WITH THE PROJECT MANAGER.
- 6" & 2" IRRIGATION SLEEVES AT ALL 3" MAIN LINE CROSSINGS; 6" IRRIGATION SLEEVE AT ALL 2" SUBMAIN CROSSINGS.
- THE CONTRACTOR SHALL EXCAVATE TO LOCATE EXISTING IRRIGATION SLEEVES AS SHOWN ON THE PLANS. IF EXISTING SLEEVES ARE FOUND THEN CONTRACTOR SHALL ADJUST PIPING, WIRING AND/OR VALVE TO UTILIZE EXISTING SLEEVING. EXISTING SLEEVES MAY ALSO NEED TO BE EXTENDED BEYOND EDGE OF PAVING OR CURBING.
- THE IRRIGATION DRAWINGS ARE PRESENTED GRAPHICALLY USING THE METRIC SYSTEM. THE PIPE SIZING AND WATER VOLUME QUANTIFYING ARE LABELED USING THE ENGLISH SYSTEM FOR SUPPLIER AND INSTALLERS READING & COMPREHENSION EASE.
- THE VALVE BOXES ARE NOT TO BE LOCATED WITHIN THE NARROW TURN LANE MEDIANS. THE VALVE BOXES SHALL BE LOCATED ALONG THE CENTER LINE WITHIN THE WIDER PARTS OF THE MEDIANS.

GENERAL NOTES

- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LANDSCAPE CONTRACTOR AND LOCATING ALL PLANT BEDLINE LOCATIONS PRIOR TO INSTALLING THE SPRINKLERS. NO RISER UNITS SHALL BE LOCATED WITHIN THE PROJECT'S LANDSCAPE DESIGNATED AREAS. PROVIDE 1" HIGH POP-UP UNITS IN ALL PLANTING BEDS WHERE LOW PLANTINGS ARE PROPOSED. REFER TO PLANTING AREAS IN PLAN TO DETERMINE HIGH POP-UP UNIT LOCATIONS.
- LATERAL LINES PIPE SIZING: 1"; 1-1/4"; 2"; 2-1/2"; 3"; 4"; 6"; 8"; 10"; 12"; 14"; 16"; 18"; 20"; 22"; 24"; 26"; 28"; 30"; 32"; 34"; 36"; 38"; 40"; 42"; 44"; 46"; 48"; 50"; 52"; 54"; 56"; 58"; 60"; 62"; 64"; 66"; 68"; 70"; 72"; 74"; 76"; 78"; 80"; 82"; 84"; 86"; 88"; 90"; 92"; 94"; 96"; 98"; 100"; 102"; 104"; 106"; 108"; 110"; 112"; 114"; 116"; 118"; 120"; 122"; 124"; 126"; 128"; 130"; 132"; 134"; 136"; 138"; 140"; 142"; 144"; 146"; 148"; 150"; 152"; 154"; 156"; 158"; 160"; 162"; 164"; 166"; 168"; 170"; 172"; 174"; 176"; 178"; 180"; 182"; 184"; 186"; 188"; 190"; 192"; 194"; 196"; 198"; 200"; 202"; 204"; 206"; 208"; 210"; 212"; 214"; 216"; 218"; 220"; 222"; 224"; 226"; 228"; 230"; 232"; 234"; 236"; 238"; 240"; 242"; 244"; 246"; 248"; 250"; 252"; 254"; 256"; 258"; 260"; 262"; 264"; 266"; 268"; 270"; 272"; 274"; 276"; 278"; 280"; 282"; 284"; 286"; 288"; 290"; 292"; 294"; 296"; 298"; 300"; 302"; 304"; 306"; 308"; 310"; 312"; 314"; 316"; 318"; 320"; 322"; 324"; 326"; 328"; 330"; 332"; 334"; 336"; 338"; 340"; 342"; 344"; 346"; 348"; 350"; 352"; 354"; 356"; 358"; 360"; 362"; 364"; 366"; 368"; 370"; 372"; 374"; 376"; 378"; 380"; 382"; 384"; 386"; 388"; 390"; 392"; 394"; 396"; 398"; 400"; 402"; 404"; 406"; 408"; 410"; 412"; 414"; 416"; 418"; 420"; 422"; 424"; 426"; 428"; 430"; 432"; 434"; 436"; 438"; 440"; 442"; 444"; 446"; 448"; 450"; 452"; 454"; 456"; 458"; 460"; 462"; 464"; 466"; 468"; 470"; 472"; 474"; 476"; 478"; 480"; 482"; 484"; 486"; 488"; 490"; 492"; 494"; 496"; 498"; 500"; 502"; 504"; 506"; 508"; 510"; 512"; 514"; 516"; 518"; 520"; 522"; 524"; 526"; 528"; 530"; 532"; 534"; 536"; 538"; 540"; 542"; 544"; 546"; 548"; 550"; 552"; 554"; 556"; 558"; 560"; 562"; 564"; 566"; 568"; 570"; 572"; 574"; 576"; 578"; 580"; 582"; 584"; 586"; 588"; 590"; 592"; 594"; 596"; 598"; 600"; 602"; 604"; 606"; 608"; 610"; 612"; 614"; 616"; 618"; 620"; 622"; 624"; 626"; 628"; 630"; 632"; 634"; 636"; 638"; 640"; 642"; 644"; 646"; 648"; 650"; 652"; 654"; 656"; 658"; 660"; 662"; 664"; 666"; 668"; 670"; 672"; 674"; 676"; 678"; 680"; 682"; 684"; 686"; 688"; 690"; 692"; 694"; 696"; 698"; 700"; 702"; 704"; 706"; 708"; 710"; 712"; 714"; 716"; 718"; 720"; 722"; 724"; 726"; 728"; 730"; 732"; 734"; 736"; 738"; 740"; 742"; 744"; 746"; 748"; 750"; 752"; 754"; 756"; 758"; 760"; 762"; 764"; 766"; 768"; 770"; 772"; 774"; 776"; 778"; 780"; 782"; 784"; 786"; 788"; 790"; 792"; 794"; 796"; 798"; 800"; 802"; 804"; 806"; 808"; 810"; 812"; 814"; 816"; 818"; 820"; 822"; 824"; 826"; 828"; 830"; 832"; 834"; 836"; 838"; 840"; 842"; 844"; 846"; 848"; 850"; 852"; 854"; 856"; 858"; 860"; 862"; 864"; 866"; 868"; 870"; 872"; 874"; 876"; 878"; 880"; 882"; 884"; 886"; 888"; 890"; 892"; 894"; 896"; 898"; 900"; 902"; 904"; 906"; 908"; 910"; 912"; 914"; 916"; 918"; 920"; 922"; 924"; 926"; 928"; 930"; 932"; 934"; 936"; 938"; 940"; 942"; 944"; 946"; 948"; 950"; 952"; 954"; 956"; 958"; 960"; 962"; 964"; 966"; 968"; 970"; 972"; 974"; 976"; 978"; 980"; 982"; 984"; 986"; 988"; 990"; 992"; 994"; 996"; 998"; 1000"; 1002"; 1004"; 1006"; 1008"; 1010"; 1012"; 1014"; 1016"; 1018"; 1020"; 1022"; 1024"; 1026"; 1028"; 1030"; 1032"; 1034"; 1036"; 1038"; 1040"; 1042"; 1044"; 1046"; 1048"; 1050"; 1052"; 1054"; 1056"; 1058"; 1060"; 1062"; 1064"; 1066"; 1068"; 1070"; 1072"; 1074"; 1076"; 1078"; 1080"; 1082"; 1084"; 1086"; 1088"; 1090"; 1092"; 1094"; 1096"; 1098"; 1100"; 1102"; 1104"; 1106"; 1108"; 1110"; 1112"; 1114"; 1116"; 1118"; 1120"; 1122"; 1124"; 1126"; 1128"; 1130"; 1132"; 1134"; 1136"; 1138"; 1140"; 1142"; 1144"; 1146"; 1148"; 1150"; 1152"; 1154"; 1156"; 1158"; 1160"; 1162"; 1164"; 1166"; 1168"; 1170"; 1172"; 1174"; 1176"; 1178"; 1180"; 1182"; 1184"; 1186"; 1188"; 1190"; 1192"; 1194"; 1196"; 1198"; 1200"; 1202"; 1204"; 1206"; 1208"; 1210"; 1212"; 1214"; 1216"; 1218"; 1220"; 1222"; 1224"; 1226"; 1228"; 1230"; 1232"; 1234"; 1236"; 1238"; 1240"; 1242"; 1244"; 1246"; 1248"; 1250"; 1252"; 1254"; 1256"; 1258"; 1260"; 1262"; 1264"; 1266"; 1268"; 1270"; 1272"; 1274"; 1276"; 1278"; 1280"; 1282"; 1284"; 1286"; 1288"; 1290"; 1292"; 1294"; 1296"; 1298"; 1300"; 1302"; 1304"; 1306"; 1308"; 1310"; 1312"; 1314"; 1316"; 1318"; 1320"; 1322"; 1324"; 1326"; 1328"; 1330"; 1332"; 1334"; 1336"; 1338"; 1340"; 1342"; 1344"; 1346"; 1348"; 1350"; 1352"; 1354"; 1356"; 1358"; 1360"; 1362"; 1364"; 1366"; 1368"; 1370"; 1372"; 1374"; 1376"; 1378"; 1380"; 1382"; 1384"; 1386"; 1388"; 1390"; 1392"; 1394"; 1396"; 1398"; 1400"; 1402"; 1404"; 1406"; 1408"; 1410"; 1412"; 1414"; 1416"; 1418"; 1420"; 1422"; 1424"; 1426"; 1428"; 1430"; 1432"; 1434"; 1436"; 1438"; 1440"; 1442"; 1444"; 1446"; 1448"; 1450"; 1452"; 1454"; 1456"; 1458"; 1460"; 1462"; 1464"; 1466"; 1468"; 1470"; 1472"; 1474"; 1476"; 1478"; 1480"; 1482"; 1484"; 1486"; 1488"; 1490"; 1492"; 1494"; 1496"; 1498"; 1500"; 1502"; 1504"; 1506"; 1508"; 1510"; 1512"; 1514"; 1516"; 1518"; 1520"; 1522"; 1524"; 1526"; 1528"; 1530"; 1532"; 1534"; 1536"; 1538"; 1540"; 1542"; 1544"; 1546"; 1548"; 1550"; 1552"; 1554"; 1556"; 1558"; 1560"; 1562"; 1564"; 1566"; 1568"; 1570"; 1572"; 1574"; 1576"; 1578"; 1580"; 1582"; 1584"; 1586"; 1588"; 1590"; 1592"; 1594"; 1596"; 1598"; 1600"; 1602"; 1604"; 1606"; 1608"; 1610"; 1612"; 1614"; 1616"; 1618"; 1620"; 1622"; 1624"; 1626"; 1628"; 1630"; 1632"; 1634"; 1636"; 1638"; 1640"; 1642"; 1644"; 1646"; 1648"; 1650"; 1652"; 1654"; 1656"; 1658"; 1660"; 1662"; 1664"; 1666"; 1668"; 1670"; 1672"; 1674"; 1676"; 1678"; 1680"; 1682"; 1684"; 1686"; 1688"; 1690"; 1692"; 1694"; 1696"; 1698"; 1700"; 1702"; 1704"; 1706"; 1708"; 1710"; 1712"; 1714"; 1716"; 1718"; 1720"; 1722"; 1724"; 1726"; 1728"; 1730"; 1732"; 1734"; 1736"; 1738"; 1740"; 1742"; 1744"; 1746"; 1748"; 1750"; 1752"; 1754"; 1756"; 1758"; 1760"; 1762"; 1764"; 1766"; 1768"; 1770"; 1772"; 1774"; 1776"; 1778"; 1780"; 1782"; 1784"; 1786"; 1788"; 1790"; 1792"; 1794"; 1796"; 1798"; 1800"; 1802"; 1804"; 1806"; 1808"; 1810"; 1812"; 1814"; 1816"; 1818"; 1820"; 1822"; 1824"; 1826"; 1828"; 1830"; 1832"; 1834"; 1836"; 1838"; 1840"; 1842"; 1844"; 1846"; 1848"; 1850"; 1852"; 1854"; 1856"; 1858"; 1860"; 1862"; 1864"; 1866"; 1868"; 1870"; 1872"; 1874"; 1876"; 1878"; 1880"; 1882"; 1884"; 1886"; 1888"; 1890"; 1892"; 1894"; 1896"; 1898"; 1900"; 1902"; 1904"; 1906"; 1908"; 1910"; 1912"; 1914"; 1916"; 1918"; 1920"; 1922"; 1924"; 1926"; 1928"; 1930"; 1932"; 1934"; 1936"; 1938"; 1940"; 1942"; 1944"; 1946"; 1948"; 1950"; 1952"; 1954"; 1956"; 1958"; 1960"; 1962"; 1964"; 1966"; 1968"; 1970"; 1972"; 1974"; 1976"; 1978"; 1980"; 1982"; 1984"; 1986"; 1988"; 1990"; 1992"; 1994"; 1996"; 1998"; 2000"; 2002"; 2004"; 2006"; 2008"; 2010"; 2012"; 2014"; 2016"; 2018"; 2020"; 2022"; 2024"; 2026"; 2028"; 2030"; 2032"; 2034"; 2036"; 2038"; 2040"; 2042"; 2044"; 2046"; 2048"; 2050"; 2052"; 2054"; 2056"; 2058"; 2060"; 2062"; 2064"; 2066"; 2068"; 2070"; 2072"; 2074"; 2076"; 2078"; 2080"; 2082"; 2084"; 2086"; 2088"; 2090"; 2092"; 2094"; 2096"; 2098"; 2100"; 2102"; 2104"; 2106"; 2108"; 2110"; 2112"; 2114"; 2116"; 2118"; 2120"; 2122"; 2124"; 2126"; 2128"; 2130"; 2132"; 2134"; 2136"; 2138"; 2140"; 2142"; 2144"; 2146"; 2148"; 2150"; 2152"; 2154"; 2156"; 2158"; 2160"; 2162"; 2164"; 2166"; 2168"; 2170"; 2172"; 2174"; 2176"; 2178"; 2180"; 2182"; 2184"; 2186"; 2188"; 2190"; 2192"; 2194"; 2196"; 2198"; 2200"; 2202"; 2204"; 2206"; 2208"; 2210"; 2212"; 2214"; 2216"; 2218"; 2220"; 2222"; 2224"; 2226"; 2228"; 2230"; 2232"; 2234"; 2236"; 2238"; 2240"; 2242"; 2244"; 2246"; 2248"; 2250"; 2252"; 2254"; 2256"; 2258"; 2260"; 2262"; 2264"; 2266"; 2268"; 2270"; 2272"; 2274"; 2276"; 2278"; 2280"; 2282"; 2284"; 2286"; 2288"; 2290"; 2292"; 2294"; 2296"; 2298"; 2300"; 2302"; 2304"; 2306"; 2308"; 2310"; 2312"; 2314"; 2316"; 2318"; 2320"; 2322"; 2324"; 2326"; 2328"; 2330"; 2332"; 2334"; 2336"; 2338"; 2340"; 2342"; 2344"; 2346"; 2348"; 2350"; 2352"; 2354"; 2356"; 2358"; 2360"; 2362"; 2364"; 2366"; 2368"; 2370"; 2372"; 2374"; 2376"; 2378"; 2380"; 2382"; 2384"; 2386"; 2388"; 2390"; 2392"; 2394"; 2396"; 2398"; 2400"; 2402"; 2404"; 2406"; 2408"; 2410"; 2412"; 2414"; 2416"; 2418"; 2420"; 2422"; 2424"; 2426"; 2428"; 2430"; 2432"; 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2720"; 2722"; 2724"; 2726"; 2728"; 2730"; 2732"; 2734"; 2736"; 2738"; 2740"; 2742"; 2744"; 2746"; 2748"; 2750"; 2752"; 2754"; 2756"; 2758"; 2760"; 2762"; 2764"; 2766"; 2768"; 2770"; 2772"; 2774"; 2776"; 2778"; 2780"; 2782"; 2784"; 2786"; 2788"; 2790"; 2792"; 2794"; 2796"; 2798"; 2800"; 2802"; 2804"; 2806"; 2808"; 2810"; 2812"; 2814"; 2816"; 2818"; 2820"; 2822"; 2824"; 2826"; 2828"; 2830"; 2832"; 2834"; 2836"; 2838"; 2840"; 2842"; 2844"; 2846"; 2848"; 2850"; 2852"; 2854"; 2856"; 2858"; 2860"; 2862"; 2864"; 2866"; 2868"; 2870"; 2872"; 2874"; 2876"; 2878"; 2880"; 2882"; 2884"; 2886"; 2888"; 2890"; 2892"; 2894"; 2896"; 2898"; 2900"; 2902"; 2904"; 2906"; 2908"; 2910"; 2912"; 2914"; 2916"; 2918"; 2920"; 2922"; 2924"; 2926"; 2928"; 2930"; 2932"; 2934"; 2936"; 2938"; 2940"; 2942"; 2944"; 2946"; 2948"; 2950"; 2952"; 2954"; 2956"; 2958"; 2960"; 2962"; 2964"; 2966"; 2968"; 2970"; 2972"; 2974"; 2976"; 2978"; 2980"; 2982"; 2984"; 2986"; 2988"; 2990"; 2992"; 2994"; 2996"; 2998"; 3000"; 3002"; 3004"; 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3864"; 3866"; 3868"; 3870"; 3872"; 3874"; 3876"; 3878"; 3880"; 3882"; 3884"; 3886"; 3888"; 3890"; 3892"; 3894"; 3896"; 3898"; 3900"; 3902"; 3904"; 3906"; 3908"; 3910"; 3912"; 3914"; 3916"; 3918"; 3920"; 3922"; 3924"; 3926"; 3928"; 3930"; 3932"; 3934"; 3936"; 3938"; 3940"; 3942"; 3944"; 3946"; 3948"; 3950"; 3952"; 3954"; 3956"; 3958"; 3960"; 3962"; 3964"; 3966"; 3968"; 3970"; 3972"; 3974"; 3976"; 3978"; 3980"; 3982"; 3984"; 3986"; 3988"; 3990"; 3992"; 3994"; 3996"; 3998"; 4000"; 4002"; 4004"; 4006"; 4008"; 4010"; 4012"; 4014"; 4016"; 4018"; 4020"; 4022"; 4024"; 4026"; 4028"; 4030"; 4032"; 4034"; 4036"; 4038"; 4040"; 4042"; 4044"; 4046"; 4

ADJ UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

AdalineTrevor <Trevor.Adaline@colliercountyfl.gov>

Mon 6/22/2020 11:11 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: OrdonezJulio <Julio.Ordonez@colliercountyfl.gov>; Steven.Andrews@dot.state.fl.us <Steven.Andrews@dot.state.fl.us>

 1 attachments (3 MB)

Old 41 Base Maps_5-15-20_UAO-HMD.pdf;

Good Morning Matt,

Please see attached Collier County Traffic Ops facilities review within the scope of work.

Respectfully,

Trevor Adaline

Administrative Assistant



Trevor.Adaline@colliercountyfl.gov

2885 South Horseshoe Drive, Naples, FL 34104

Telephone: 239-252-5834

Under Florida Law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by telephone or in writing.



COLLIER COUNTY										STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION										BASE MAP										SHEET NO.									
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879										ROAD NO.										COUNTY										FINANCIAL PROJECT ID									
										CR 887										COLLIER AND LEE										435110-1-22-01									



COLLIER COUNTY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP		SHEET NO.	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
CR 887	COLLIER AND LEE	4351101-22-01				1A
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879			5/15/2020 10:23:37 AM			

Collier County
Transportation Division

RE: Action Required: ADJ UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01 432616 - Due Jun 14

OrdonezJulio <Julio.Ordonez@colliercountyfl.gov>

Fri 6/12/2020 2:00 PM

To: AdalineTrevor <Trevor.Adaline@colliercountyfl.gov>; LollyRoy <Roy.Lolly@colliercountyfl.gov>; DomondHaris <Haris.Domond@colliercountyfl.gov>

Cc: Matt Dockins <mdockins@rkk.com>; ArnoldChristine <Christine.Arnold@colliercountyfl.gov>; McClearyMark <Mark.McCleary@colliercountyfl.gov>; KhawajaAnthony <Anthony.Khawaja@colliercountyfl.gov>; ArnoldChristine <Christine.Arnold@colliercountyfl.gov>; Andrews, Steven <Steven.Andrews@dot.state.fl.us>; HallDaniel <Daniel.Hall@colliercountyfl.gov>

Trevor, can you please reset the task with the review due by Friday, June 26, 2020.

Haris/Roy, let's try to complete this review within the extra couple of weeks FDOT has agreed upon.

Thank you.

Julio F. Ordonez, P.E., Sr. Project Manager
Collier County Growth Management Department
Transportation Division, Traffic Operations Section
2885 South Horseshoe Drive, Naples FL 34104
Julio.Ordonez@CollierCountyfl.gov
(239)252-5722 (B)
(239)227-8327 (C)

-----Original Message-----

From: OrdonezJulio <Julio.Ordonez@colliercountyfl.gov>

Sent: Friday, June 12, 2020 1:23 PM

To: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

Cc: Matt Dockins <mdockins@rkk.com>; AdalineTrevor <Trevor.Adaline@colliercountyfl.gov>; McClearyMark <Mark.McCleary@colliercountyfl.gov>; KhawajaAnthony <Anthony.Khawaja@colliercountyfl.gov>; ArnoldChristine <Christine.Arnold@colliercountyfl.gov>; DomondHaris <Haris.Domond@colliercountyfl.gov>

Subject: Re: Action Required: ADJ UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01 432616 - Due Jun 14

Thank you!!

Sent from my iPhone

> On Jun 12, 2020, at 1:05 PM, Andrews, Steven <Steven.Andrews@dot.state.fl.us> wrote:

>

> EXTERNAL EMAIL: This email is from an external source. Confirm this is a trusted sender and use extreme caution when opening attachments or clicking links.

>

> Ok, no problem.....sa

>

> Steven A. Andrews
>
>
> Florida Department of Transportation
> Project Manager, Environmental Management District One, MS-1-40
> Office: 863-519-2270
> Fax: 863-519-2892
> steven.andrews@dot.state.fl.us
>
>
> -----Original Message-----
> From: OrdonezJulio <Julio.Ordonez@colliercountyfl.gov>
> Sent: Friday, June 12, 2020 1:03 PM
> To: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
> Cc: Matt Dockins <mdockins@rkk.com>; AdalineTrevor
> <Trevor.Adaline@colliercountyfl.gov>; McClearyMark
> <Mark.McCleary@colliercountyfl.gov>; KhawajaAnthony
> <Anthony.Khawaja@colliercountyfl.gov>; ArnoldChristine
> <Christine.Arnold@colliercountyfl.gov>; DomondHaris
> <Haris.Domond@colliercountyfl.gov>
> Subject: Re: Action Required: ADJ UTILITIES CR 887 (Old US 41) PD&E
> Study, FPID No.: 435110-1-22-01 & 435347-1-22-01 432616 - Due Jun 14
>
> Let's say a couple of weeks!
>
> Thank you.
>
> Julio
>
> Sent from my iPhone
>
> On Jun 12, 2020, at 12:54 PM, Andrews, Steven <Steven.Andrews@dot.state.fl.us> wrote:
>
>
>
> Attachment(s): to this email were removed due to the Agency's email security policy. Please contact
the IT Service Desk at X8888 within the next 5 days for additional details if you believe the attachment is
required for business use.
>
>
> EXTERNAL EMAIL: This email is from an external source. Confirm this is a trusted sender and use
extreme caution when opening attachments or clicking links.
> Hello Julio,
> What kind of timeline are you requesting to be complete this task?
>
> Steven A. Andrews
> <image002.png>
>
> Florida Department of Transportation

> <image004.png>
> Project Manager, Environmental Management District One, MS-1-40
> Office: 863-519-2270
> Fax: 863-519-2892
> steven.andrews@dot.state.fl.us <mailto:steven.andrews@dot.state.fl.us>
>
>
> From: OrdonezJulio <Julio.Ordonez@colliercountyfl.gov>
> Sent: Friday, June 12, 2020 11:34 AM
> To: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
> Cc: AdalineTrevor <Trevor.Adaline@colliercountyfl.gov>; McClearyMark
> <Mark.McCleary@colliercountyfl.gov>; KhawajaAnthony
> <Anthony.Khawaja@colliercountyfl.gov>; ArnoldChristine
> <Christine.Arnold@colliercountyfl.gov>; DomondHaris
> <Haris.Domond@colliercountyfl.gov>
> Subject: RE: Action Required: ADJ UTILITIES CR 887 (Old US 41) PD&E
> Study, FPID No.: 435110-1-22-01 & 435347-1-22-01 432616 - Due Jun 14
>
>
> EXTERNAL SENDER: Use caution with links and attachments.
>
> Hello, Steven. We got your plans for the subject project and noticed your letter states that comments are back on 6/14/2020. Can we get some extra time to perform our review and provide input to you?
>
> Thank you.
>
> Julio F. Ordonez, P.E., Sr. Project Manager Collier County Growth
> Management Department Transportation Division, Traffic Operations
> Section
> 2885 South Horseshoe Drive, Naples FL 34104
> Julio.Ordonez@CollierCountyfl.gov <mailto:Julio.Ordonez@CollierCountyfl.gov>
> (239)252-5722 (B)
> (239)227-8327 (C)
>
>
> From: OrdonezJulio
> Sent: Friday, June 12, 2020 11:30 AM
> To: DomondHaris
> <Haris.Domond@colliercountyfl.gov <mailto:Haris.Domond@colliercountyfl.gov>>
> Cc: AdalineTrevor
> <Trevor.Adaline@colliercountyfl.gov <mailto:Trevor.Adaline@colliercountyfl.gov>>; McClearyMark
> <Mark.McCleary@colliercountyfl.gov <mailto:Mark.McCleary@colliercountyfl.gov>>; KhawajaAnthony
> <Anthony.Khawaja@colliercountyfl.gov <mailto:Anthony.Khawaja@colliercountyfl.gov>>; ArnoldChristine
> <Christine.Arnold@colliercountyfl.gov <mailto:Christine.Arnold@colliercountyfl.gov>>

> ountyfl.gov>>
> Subject: RE: Action Required: ADJ UTILITIES CR 887 (Old US 41) PD&E
> Study, FPID No.: 435110-1-22-01 & 435347-1-22-01 432616 - Due Jun 14
>
> Please review subject plan as shown below. Is it due on Monday, June 14? Does not seem to much
time to work on it, Haris!
>
> I reviewed this project and noticed that the proposed PD&E project was sent on May 15, 2020. I have
no comments other than asking FDOT for a time extension for our input.
>
> Thank you.
>
> Julio F. Ordonez, P.E., Sr. Project Manager Collier County Growth
> Management Department Transportation Division, Traffic Operations
> Section
> 2885 South Horseshoe Drive, Naples FL 34104
> Julio.Ordonez@CollierCountyfl.gov<mailto:Julio.Ordonez@CollierCountyfl
> .gov>
> (239)252-5722 (B)
> (239)227-8327 (C)
>
>
> From: AdalineTrevor
> <Trevor.Adaline@colliercountyfl.gov<mailto:Trevor.Adaline@colliercount
> yfl.gov>>
> Sent: Friday, June 12, 2020 10:41 AM
> To: OrdonezJulio
> <Julio.Ordonez@colliercountyfl.gov<mailto:Julio.Ordonez@colliercountyf
> l.gov>>
> Subject: Action Required: ADJ UTILITIES CR 887 (Old US 41) PD&E Study,
> FPID No.: 435110-1-22-01 & 435347-1-22-01 432616 - Due Jun 14
>
> All,
>
> *EXPEDITE*
>
> Due Date: Jun 14, 2020
>
> Click the following link:
>
> G:\Traffic Operations\Traffic Operations\Plan Review\FDOT-PLANS
> REVIEW\2020\ADJ UTILITIES CR 887 (Old US 41) PD&E Study -
> 432616<file:///bcc.colliergov.net/data/GMD-TRANSENG/Traffic%20Operation
> s/Traffic%20Operations/Plan%20Review/FDOT-PLANS%20REVIEW/2020/ADJ%20UT
> ILITIES%20CR%20887%20(Old%20US%2041)%20PD&E%20Study%20-%20432616>
>
> Review the plans and documents in the plan Request folder and save comments in the Response
folder.
>

> Record your time in OMS Task # 432616

>

>

> Respectfully,

> Trevor Adaline

> Administrative Assistant

>

> <image005.jpg>

> Trevor.Adaline@colliercountyfl.gov<mailto:Trevor.Adaline@colliercounty

> fl.gov>

> 2885 South Horseshoe Drive, Naples, FL 34104

> Telephone: 239-252-5834

>

> _____

>

> Under Florida Law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by telephone or in writing.

ADJ UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

AdalineTrevor <Trevor.Adaline@colliercountyfl.gov>

Mon 6/22/2020 11:11 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: OrdonezJulio <Julio.Ordonez@colliercountyfl.gov>; Steven.Andrews@dot.state.fl.us <Steven.Andrews@dot.state.fl.us>

 1 attachments (3 MB)

Old 41 Base Maps_5-15-20_UAO-HMD.pdf;

Good Morning Matt,

Please see attached Collier County Traffic Ops facilities review within the scope of work.

Respectfully,

Trevor Adaline

Administrative Assistant

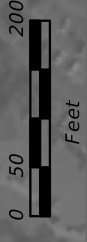


Trevor.Adaline@colliercountyfl.gov

2885 South Horseshoe Drive, Naples, FL 34104

Telephone: 239-252-5834

Under Florida Law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by telephone or in writing.

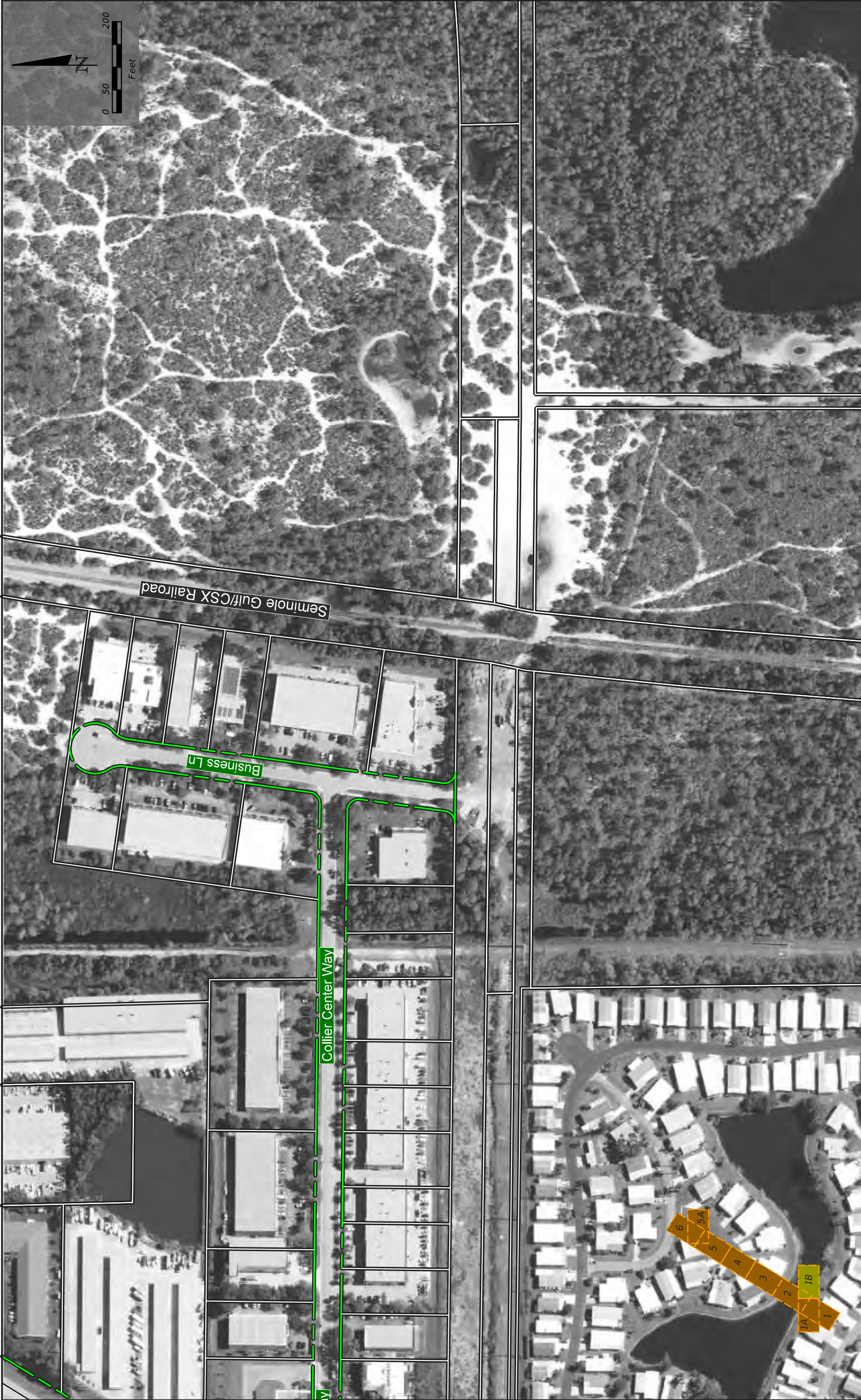


CCTO/CCIT BFO
NOT TO SCALE
We have underground facilities within the scope of work. They will need to coordinate with us during construction. Also review the pullboxes for elevations adjustments are to be made.
Locate Department
HMD

Roadway Lighting
NOT TO SCALE
We have underground facilities within the scope of work. They will need to coordinate with us during construction. Also review the pullboxes for elevations adjustments are to be made.
Locate Department
HMD

COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO.
	ROAD NO.			COUNTY	FINANCIAL PROJECT ID				
	CR 887			COLLIER AND LEE	435110-1-22-01		1		



COLLIER COUNTY

RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP		SHEET NO.	
		ROAD NO.		COUNTY		FINANCIAL PROJECT ID	
		CR 887		COLLIER AND LEE		435110-1-22-01	
						1B	



COLLIER COUNTY

100

STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

WETLANDS

SURFACE WATERS

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

ROAD NO.

CR 887

COUNTY

COLLIER AND LEE

FINANCIAL PROJECT ID

435110-1-22-01

RUMMEL, KLEPPER & KAHL, LLP (RK&K)

MATTHEW J.W. DOCKINS

P.E. LICENSE NUMBER 79350

402 S. KENTUCKY AVE., SUITE 400

LAKELAND, FLORIDA 33804

CERTIFICATE OF AUTHORIZATION No. 26879

5/15/2020

10:23:54 AM

SHEET NO.

2

BASE MAP

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LEE COUNTY/CITY OF BONITA SPRINGS				BASE MAP		SHEET NO.	
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				FINANCIAL PROJECT ID			
ROAD NO.		COUNTY		COLLIER AND LEE			
CR 887				435110-1-22-01		4	

100

STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

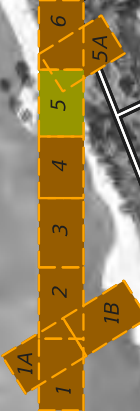
FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

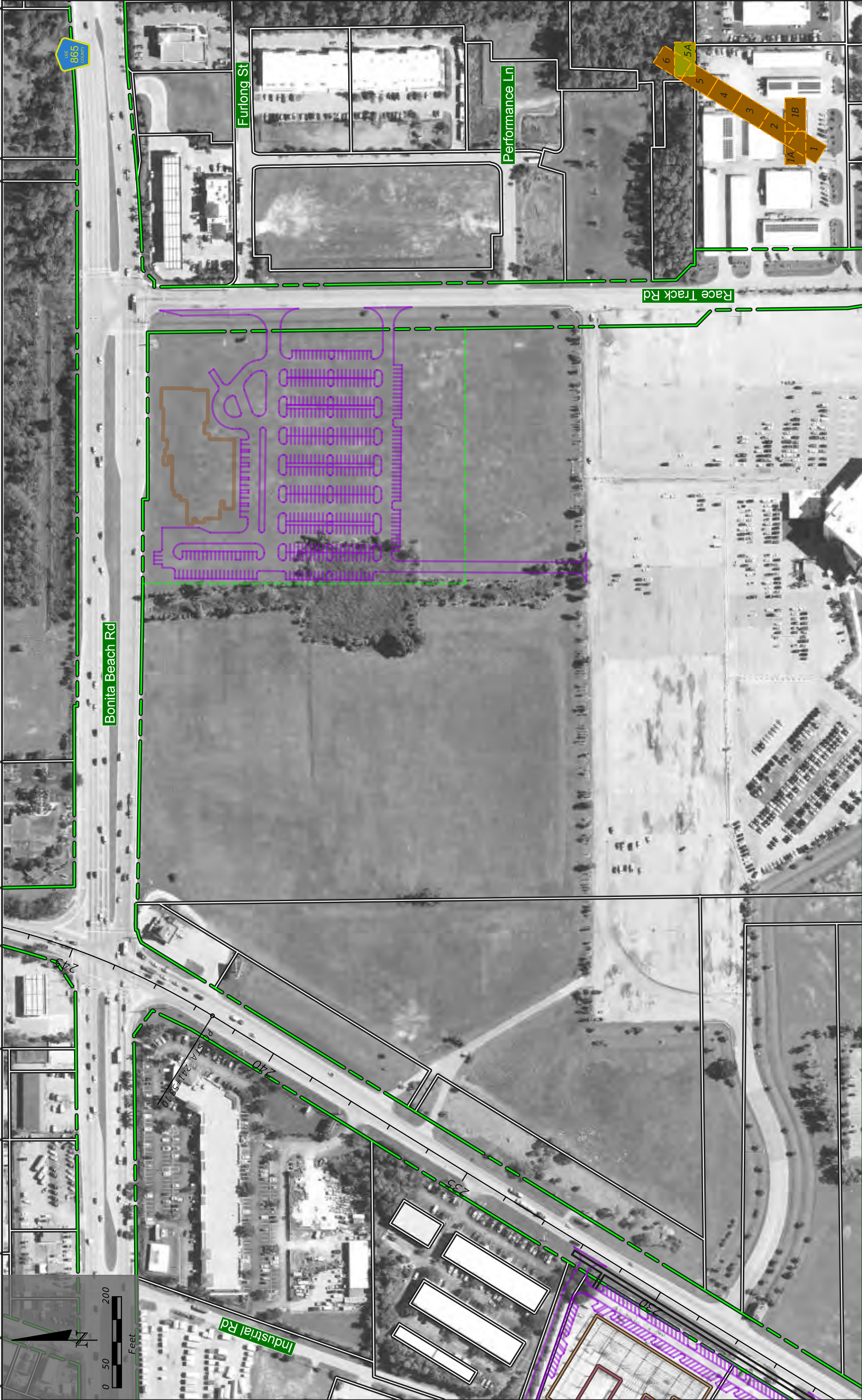
CONSERVATION LANDS

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

5/15/2020 10:24:38 AM
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LEE COUNTY/CITY OF BONITA SPRINGS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				BASE MAP		SHEET NO.	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				ROAD NO.				COUNTY		FINANCIAL PROJECT ID	
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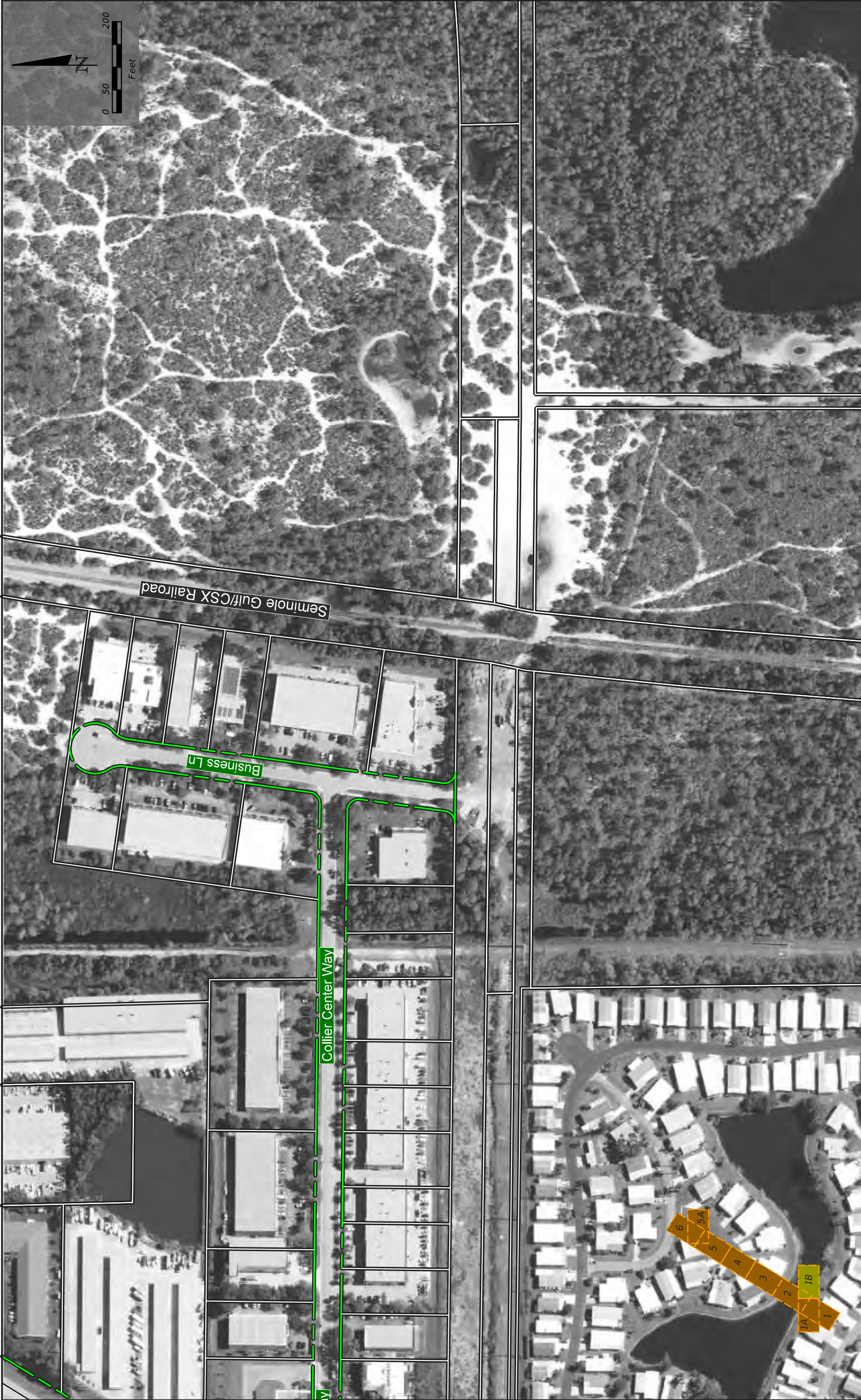
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Roadway Lighting
NOT TO SCALE
We have underground facilities within the scope of work. They will need to coordinate with us during construction. Also review the pullboxes for elevations adjustments are to be made.
Locate Department
HMD

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS		FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS		RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY CR 887 COLLIER AND LEE FINANCIAL PROJECT ID 435110-1-22-01		BASE MAP		SHEET NO. 1A	
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- EXISTING ROW
- PROPERTY LINES
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- SURFACE WATERS
- FUTURE DEVELOPMENT
- CONSERVATION EASEMENTS
- CONSERVATION LANDS



COLLIER COUNTY

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PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

COLLIER COUNTY

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.
CR 887

COUNTY
COLLIER AND LEE

FINANCIAL PROJECT ID
435110-1-22-01

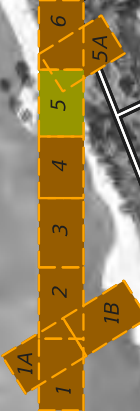
BASE MAP

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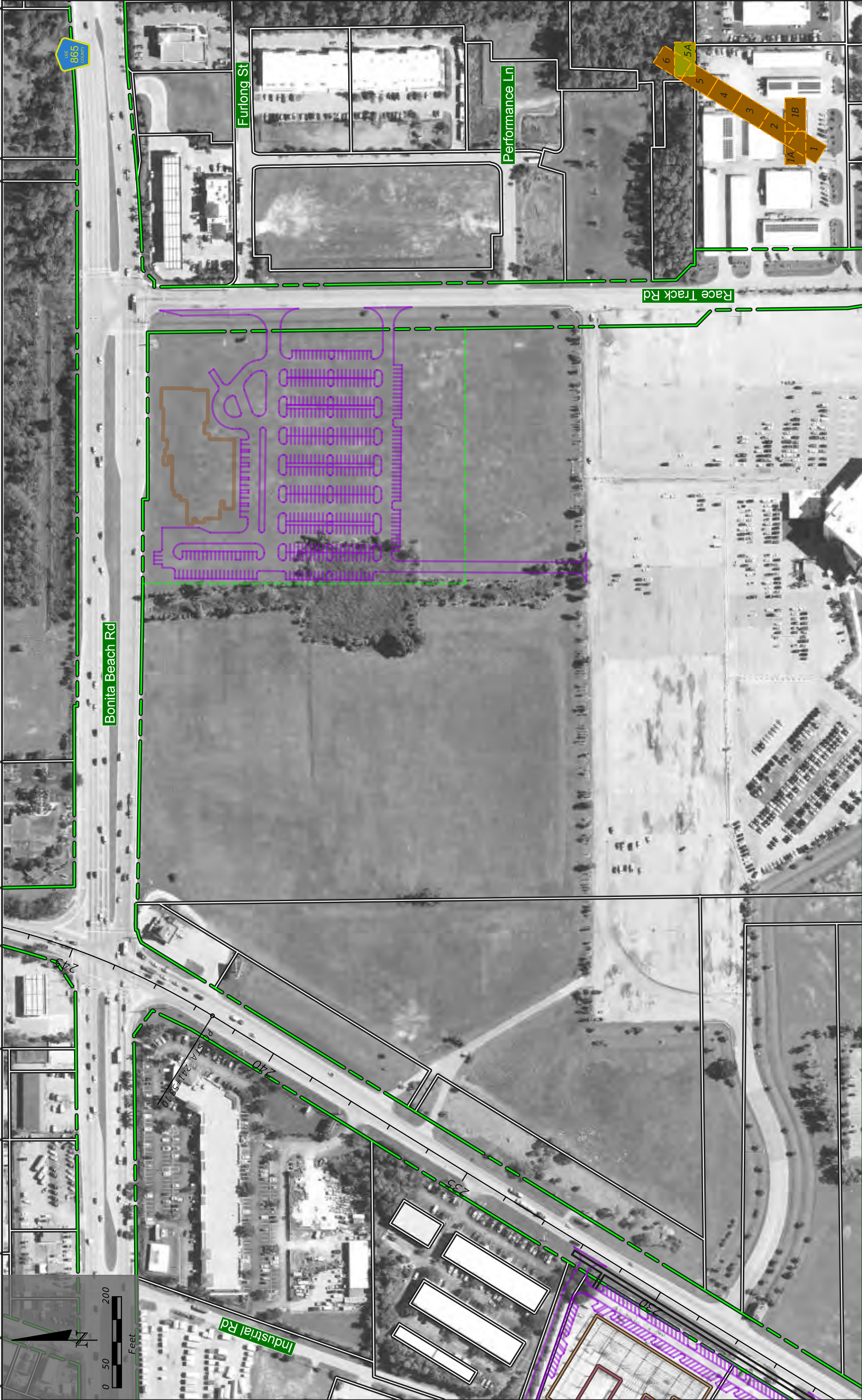
COLLIER COUNTY				LEE COUNTY/CITY OF BONITA SPRINGS				BASE MAP		SHEET NO.	
100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS				FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. CR 887	
								COUNTY COLLIER AND LEE		FINANCIAL PROJECT ID 435110-1-22-01	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879										4	



LEE COUNTY/CITY OF BONITA SPRINGS

RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP	SHEET NO.
ROAD NO.		COUNTY	FINANCIAL PROJECT ID			
CR 887		COLLIER AND LEE	435110-1-22-01			

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P.E. LICENSE NUMBER 79350
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LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

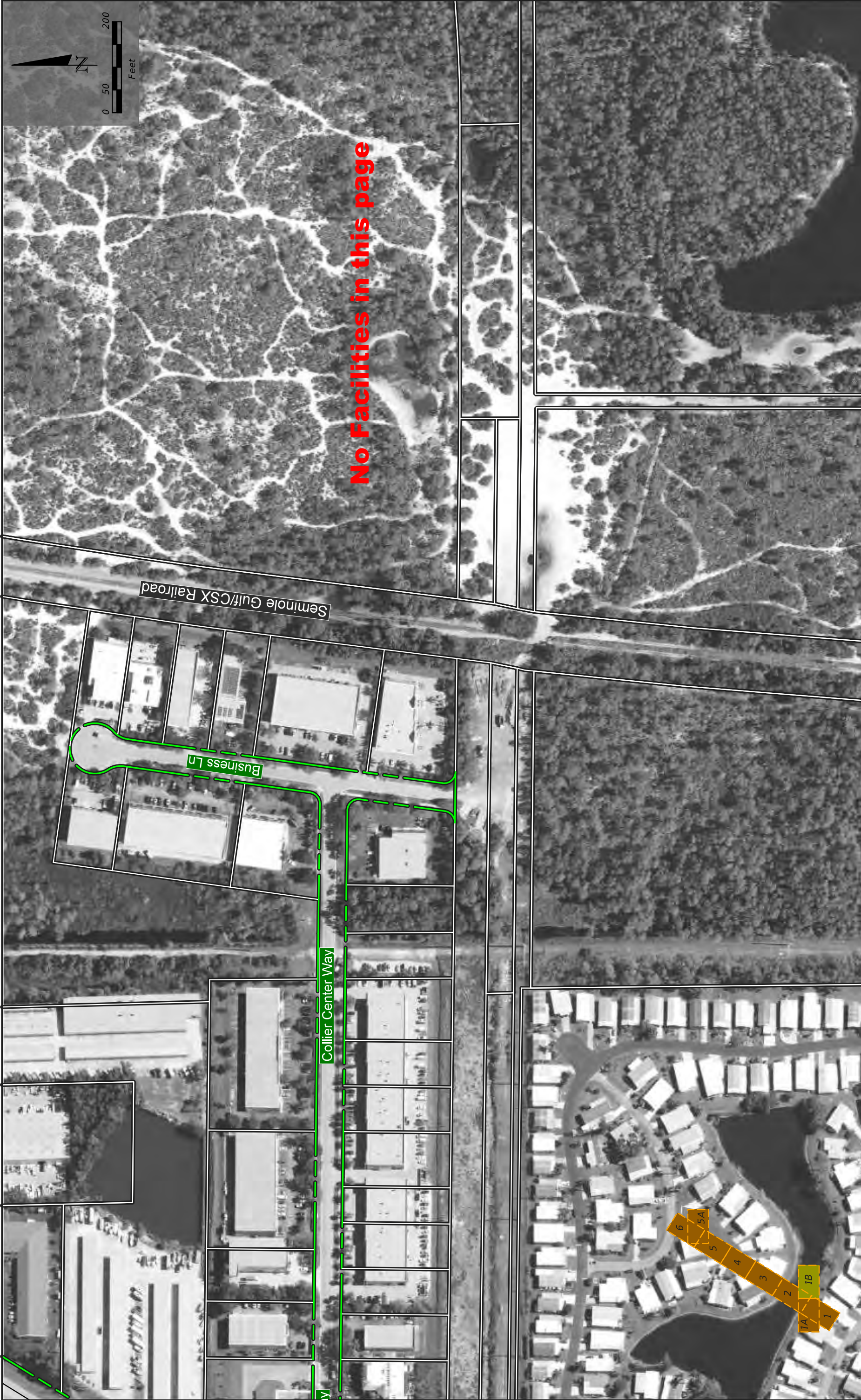


LEE COUNTY/CITY OF BONITA SPRINGS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP		SHEET NO.
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879		ROAD NO. COUNTY CR 887 COLLIER AND LEE		FINANCIAL PROJECT ID 435110-1-22-01		

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- SURFACE WATERS
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- CONSERVATION LANDS



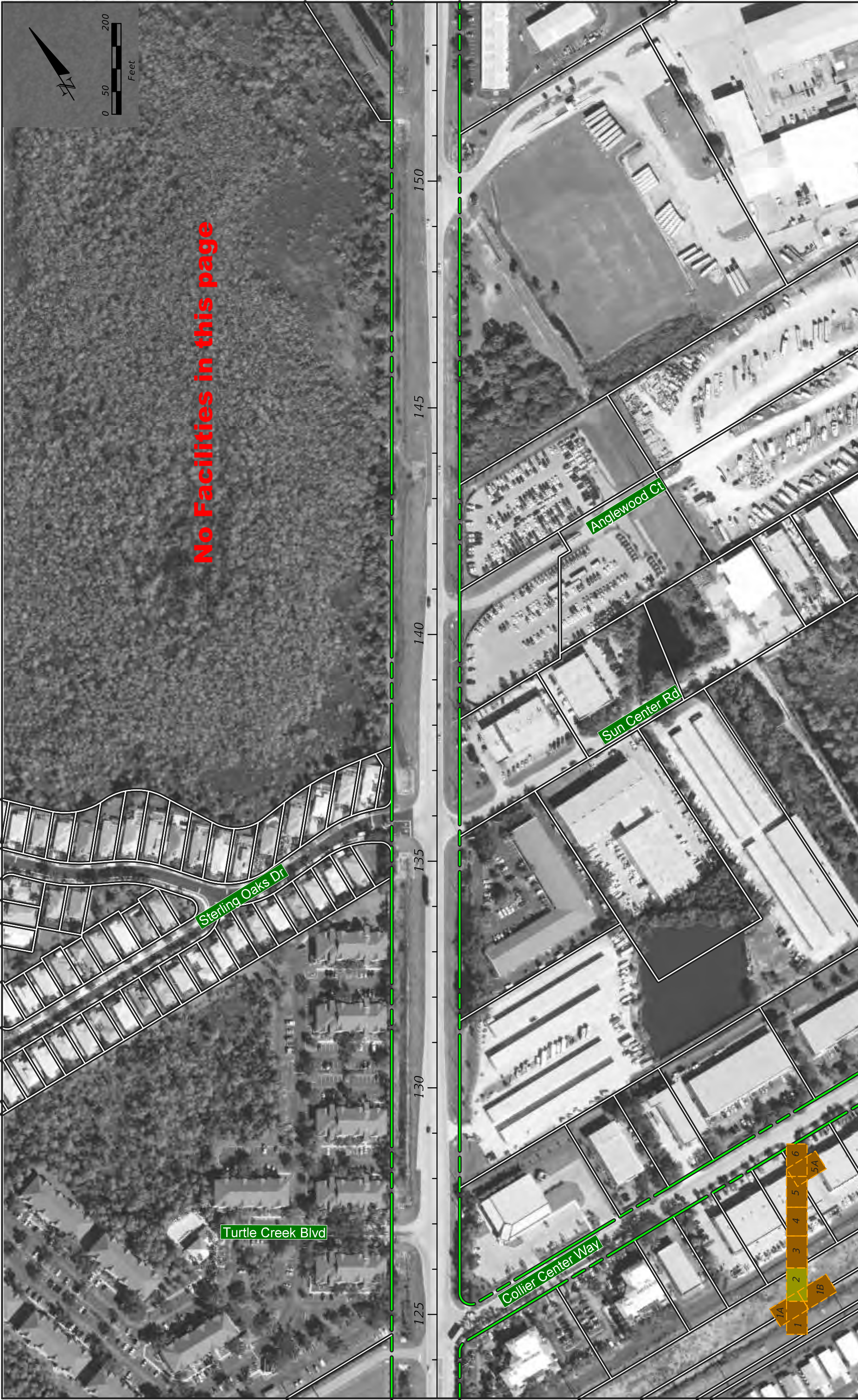
COLLIER COUNTY				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				BASE MAP		SHEET NO.	
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				CR 887	COLLIER AND LEE	435110-1-22-01					1



COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table><tr><td>ROAD NO.</td><td>COUNTY</td><td>FINANCIAL PROJECT ID</td></tr><tr><td>CR 887</td><td>COLLIER AND LEE</td><td>435110-1-22-01</td></tr></table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CR 887	COLLIER AND LEE	435110-1-22-01	BASE MAP SHEET NO. 1B
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID						
	CR 887	COLLIER AND LEE	435110-1-22-01						

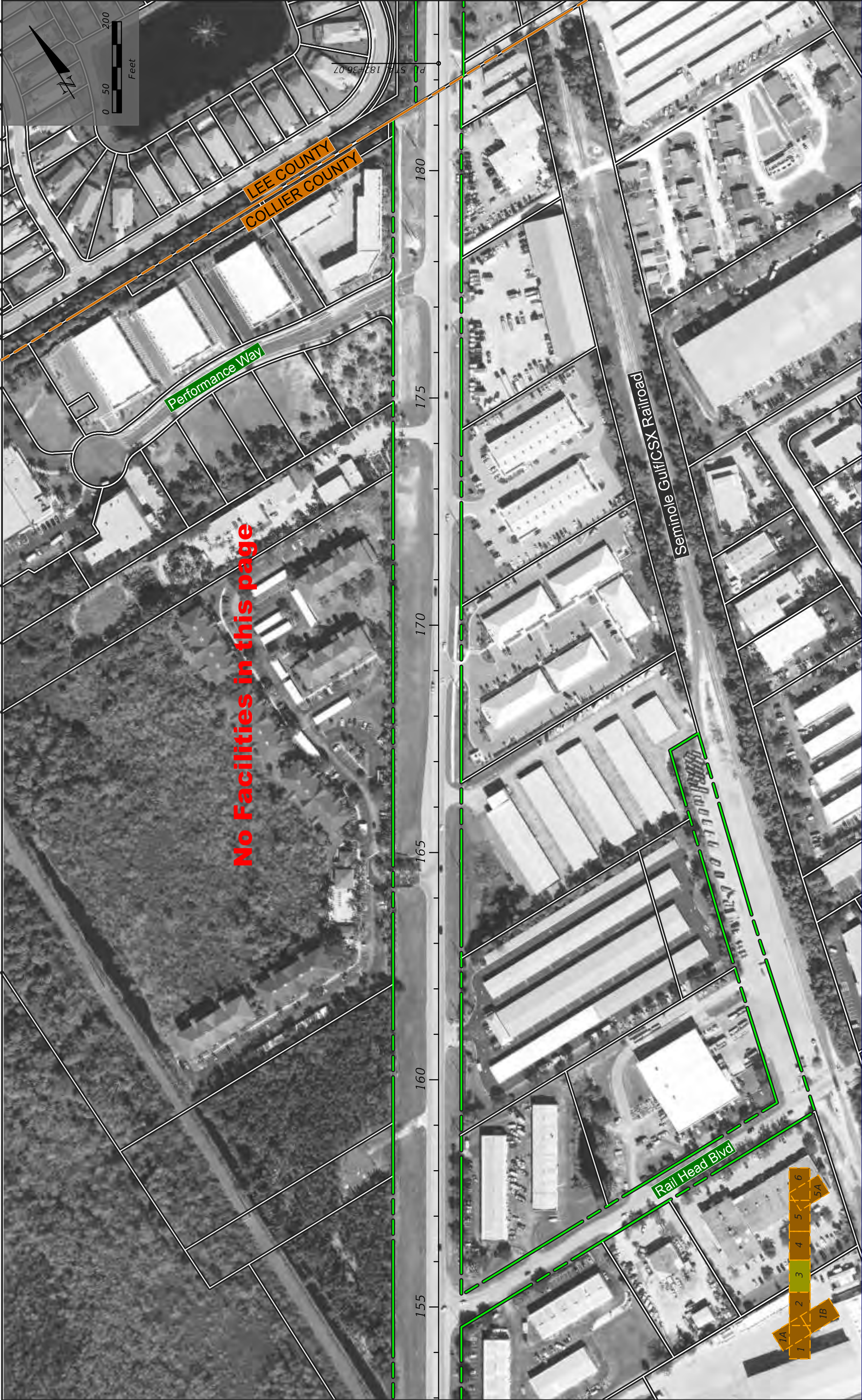
RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879



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COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879 STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. CR 887 COUNTY COLLIER AND LEE FINANCIAL PROJECT ID 435110-1-22-01 BASE MAP SHEET NO. 2
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STATION	EXISTING ROW	PROPERTY LINES	WETLANDS	SURFACE WATERS	FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	COLLIER COUNTY				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				BASE MAP		SHEET NO.	
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
						CR 887	COLLIER AND LEE	435110-1-22-01									3

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CERTIFICATE OF AUTHORIZATION No. 26879



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LEE COUNTY
COLLIER COUNTY

Via Palacio Ave

Seminole Gulf/CSX Railroad

Channel 30 Dr

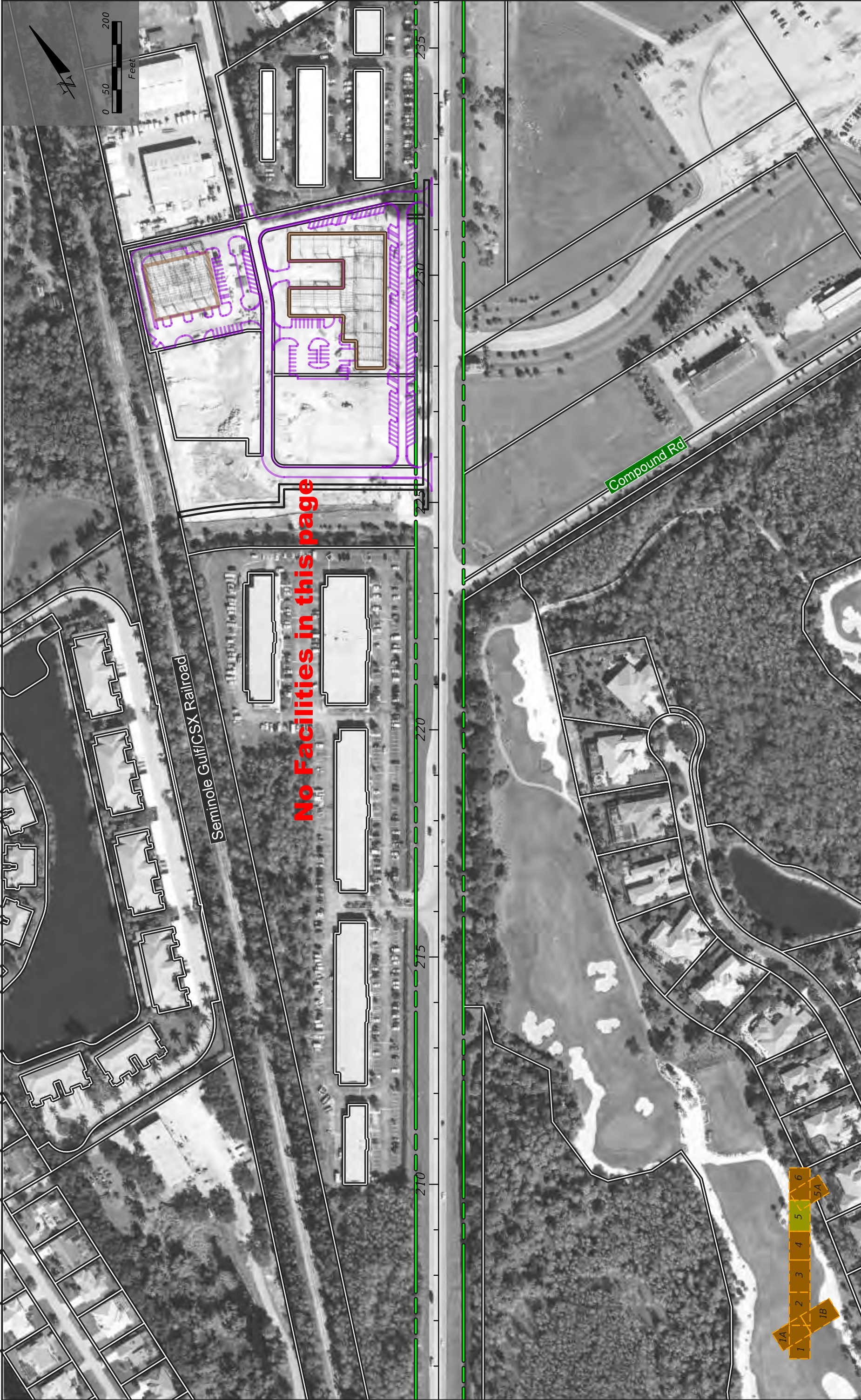
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COLLIER COUNTY

LEE COUNTY/CITY OF BONITA SPRINGS

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS



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STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

LEE COUNTY/CITY OF BONITA SPRINGS

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P.E. LICENSE NUMBER 79350

402 S. KENTUCKY AVE., SUITE 400

LAKELAND, FLORIDA 33804

CERTIFICATE OF AUTHORIZATION No. 26879

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

ROAD NO.

CR 887

COUNTY

COLLIER AND LEE

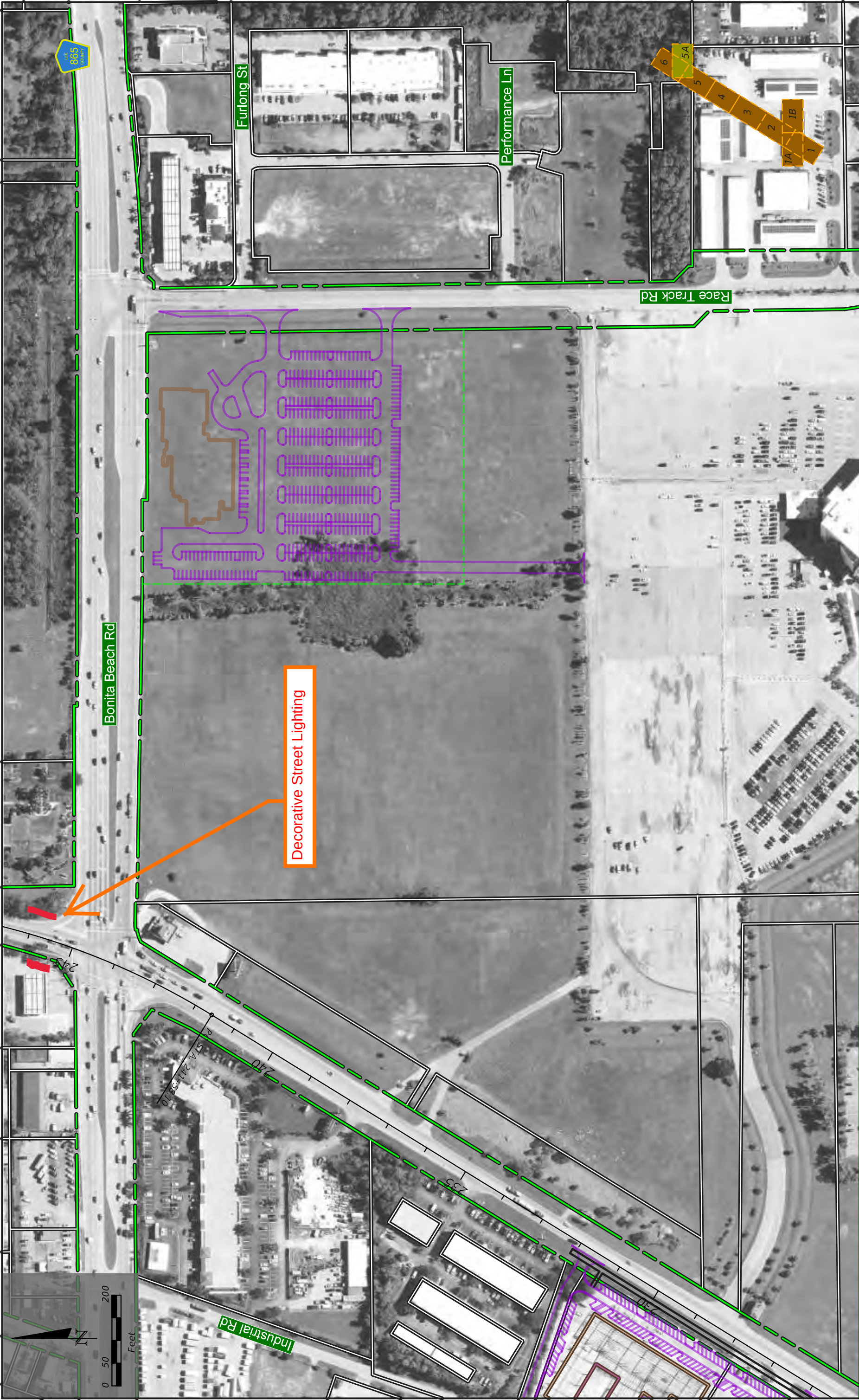
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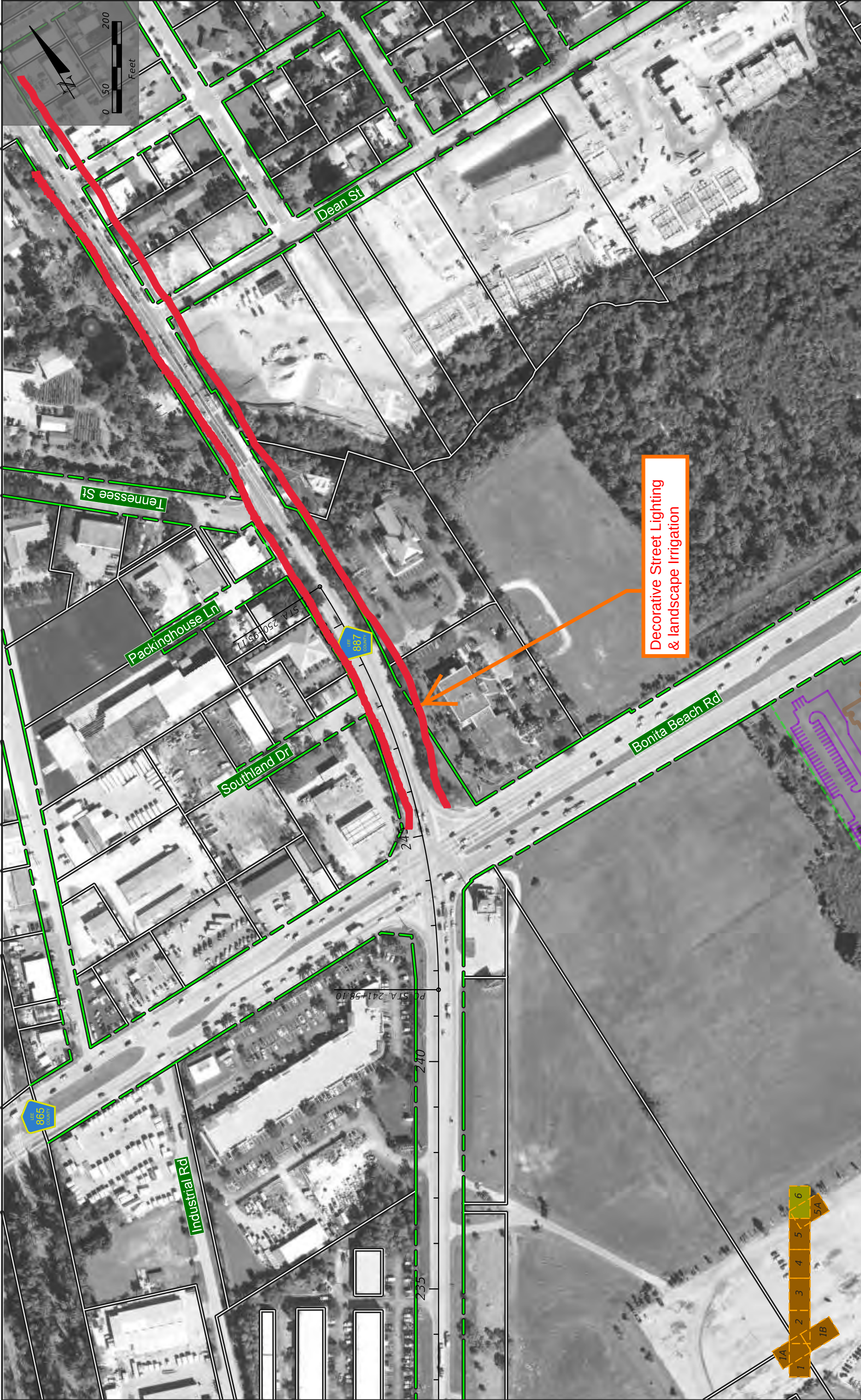
BASE MAP

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5



LEE COUNTY/CITY OF BONITA SPRINGS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				BASE MAP		SHEET NO.	
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				CR 887		COLLIER AND LEE		435110-1-22-01		5A	



LEE COUNTY/CITY OF BONITA SPRINGS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP		SHEET NO.	
		ROAD NO.	COUNTY			6	
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STATION

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FUTURE DEVELOPMENT

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5/15/2020 10:25:44 AM

Crown Castle

RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Belinsky, Nicholas <Nicholas.Belinsky@crowncastle.com>

Fri 8/7/2020 12:34 PM

To: Matt Dockins <mdockins@rkk.com>

 1 attachments (6 MB)

0007835-ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No. 435110-1-22-01 & 435347-1-22-01.docx;

Hello Matt Dockins,

With doing our review, Crown Castle's fiber facilities/equipment ARE PRESENT within this project's work area. (Please see attachment)

If there are any questions or concerns, do follow up with us.

Sincerely,

Nick Belinsky
Utility Coordinator Fiber Records - 811 Services
724-416-2449

CROWN CASTLE
1500 Corporate Dr. | Canonsburg, PA 15317
1-888-632-0931 Option 2

Fiber.dig@CrownCastle.com

From: Matt Dockins <mdockins@rkk.com>

Sent: Wednesday, August 5, 2020 3:01 PM

To: Belinsky, Nicholas <Nicholas.Belinsky@crowncastle.com>

Subject: Re: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Nick,

The plans you provided did not include coverage of the entire study area (see attached KMZ and image). Specifically, we will need coverage in the following areas in addition to Old 41 itself:

1. Collier County

a. US 41 in from 400' south of Old 41 to Red Fox Run

2. Lee County

a. Bonita Beach Rd from Industrial Rd to 700' east of Race Track Rd

b. Race Tack Rd from K Nine Drive to Bonita Beach Rd

Please provide the additional information at your earliest convenience.

Thanks,
Matt

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

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From: Belinsky, Nicholas <Nicholas.Belinsky@crowncastle.com>

Sent: Tuesday, May 19, 2020 10:01 AM

To: Matt Dockins <mdockins@rkk.com>

Subject: RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Hello Matt Dockins,

With doing our review, Crown Castle's fiber facilities/equipment ARE PRESENT within this project's work area.
(Please see attachment)

If there are any questions or concerns, do follow up with us.

Sincerely,

Nick Belinsky

Utility Coordinator Fiber Records - 811 Services

724-416-2449

CROWN CASTLE

1500 Corporate Dr. | Canonsburg, PA 15317

1-888-632-0931 Option 2

Fiber.dig@CrownCastle.com

From: Matt Dockins <mdockins@rkk.com>

Sent: Friday, May 15, 2020 1:42 PM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

Subject: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Subject: ADJUSTMENT OF UTILITIES

CR 887 (Old US 41) Project Development and Environment Study

From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd

Lee and Collier Counties, Florida

FPID No.: 435110-1-22-01 & 435347-1-22-01

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for the project referenced above. The project will evaluate the potential widening of the roadway up to four lanes and may include marked bicycle lanes, sidewalks, and/or a shared-use path. Additionally, the project may evaluate improvements along Bonita Beach Rd and US 41, as needed, in the vicinity of Old US 41. Utilities owned by you may require relocation or adjustment as necessitated by the roadway construction.

As part of the study, the FDOT is required to collect information on all existing and proposed utilities within the project corridor. **The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road.**

Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. The base maps should be marked to designate the type, size, and location of your existing facilities and the approximate boundaries of easements or other compensatory interest in lands that you now hold along or across the proposed highway right-of-way. **Please return one set back to FDOT by June 15, 2020.** Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Your cooperation on this community project is greatly appreciated. If you have any questions or need additional information, please feel free to contact me via email at steven.andrews@dot.state.fl.us or by phone at (863) 519-2270. Additional information is available on the project website: <http://www.swflroads.com/us41/cr887/>

Sincerely,



Steven Andrews

Project Manager, Environmental Management

cc: Matt Dockins, Consultant Project Manager

Attachments: Set of Base Maps (to be marked and returned)

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

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Crown Castle Utilities *ARE* present at this location

Request Number: 0007835

FIBER DIG SERVICES

1500 Corporate Dr., Canonsburg, PA 15317

1-888-632-0931 Option 2

Fiber.dig@CrownCastle.com

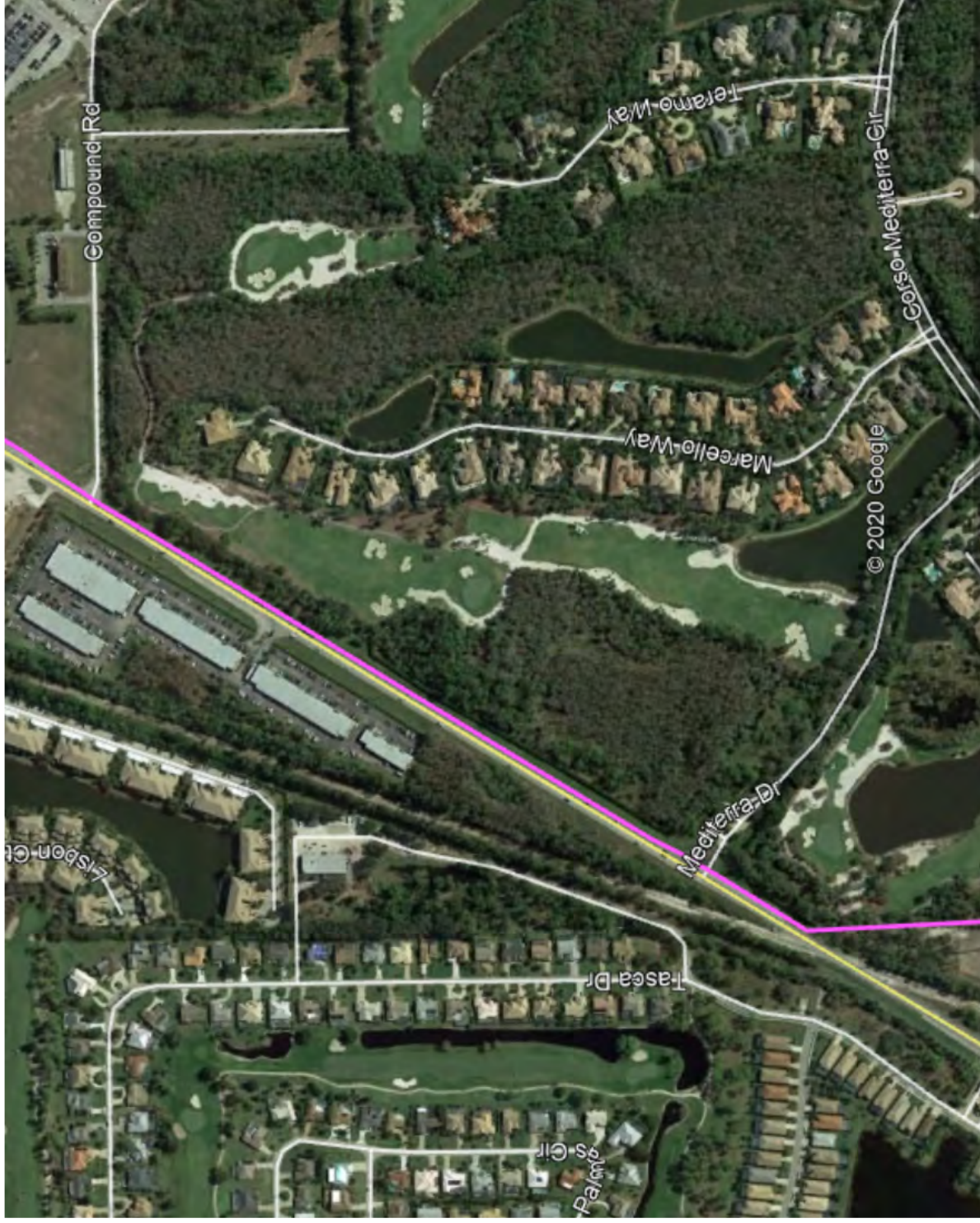
CROWN CASTLE COLOR KEY

— UNDERGROUND CONDUIT

— AERIAL FIBER

- - - UNDERGROUND FIBER





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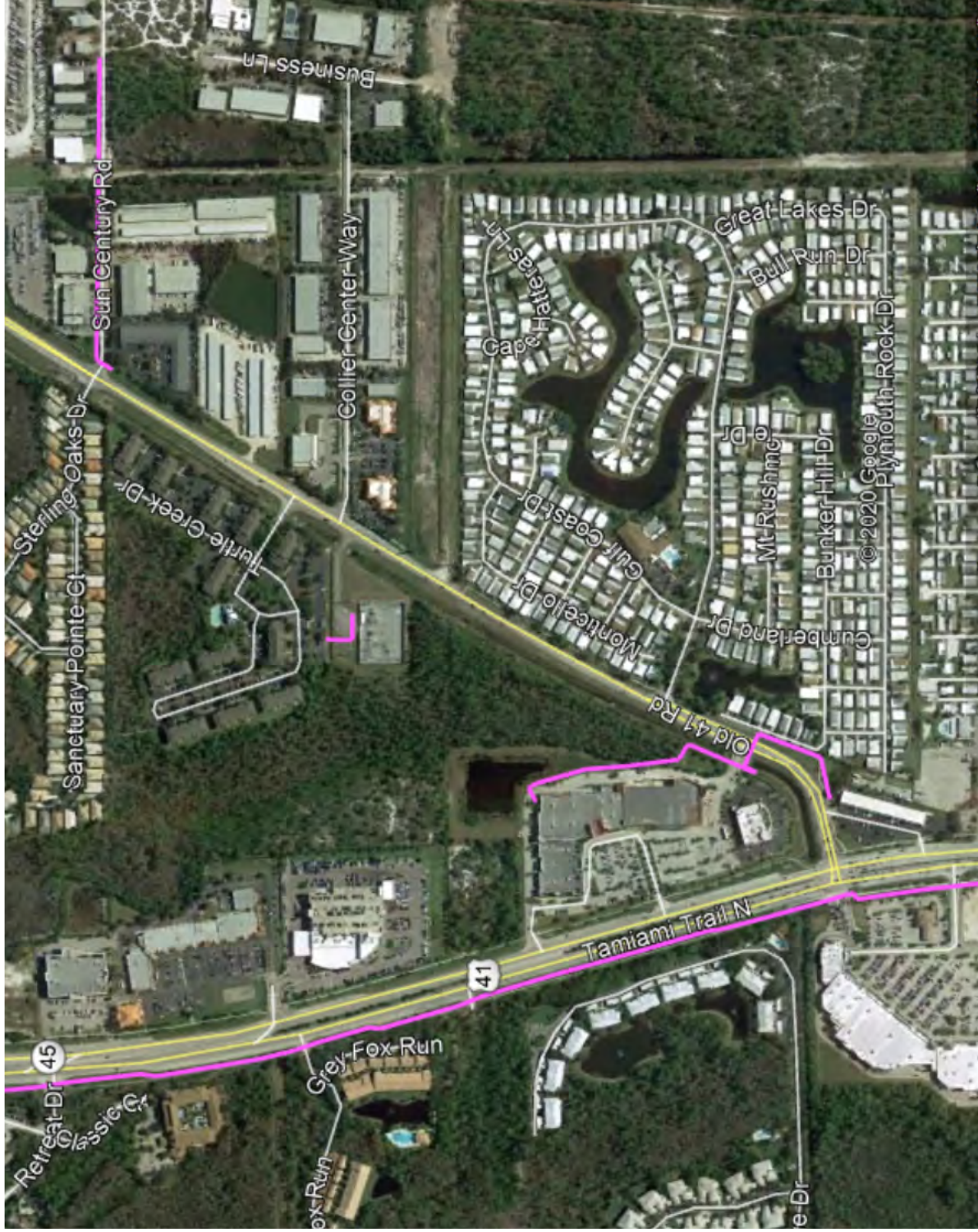
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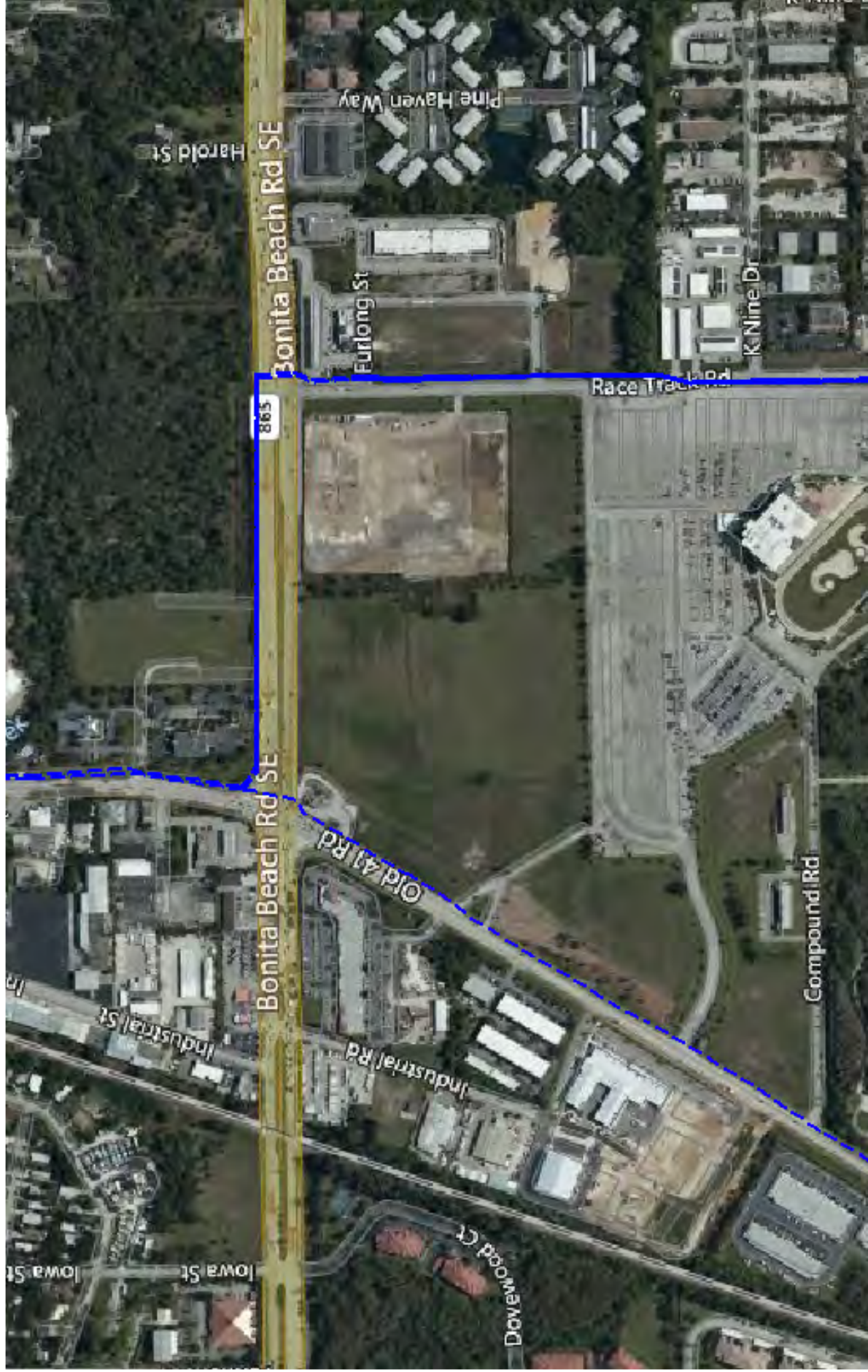
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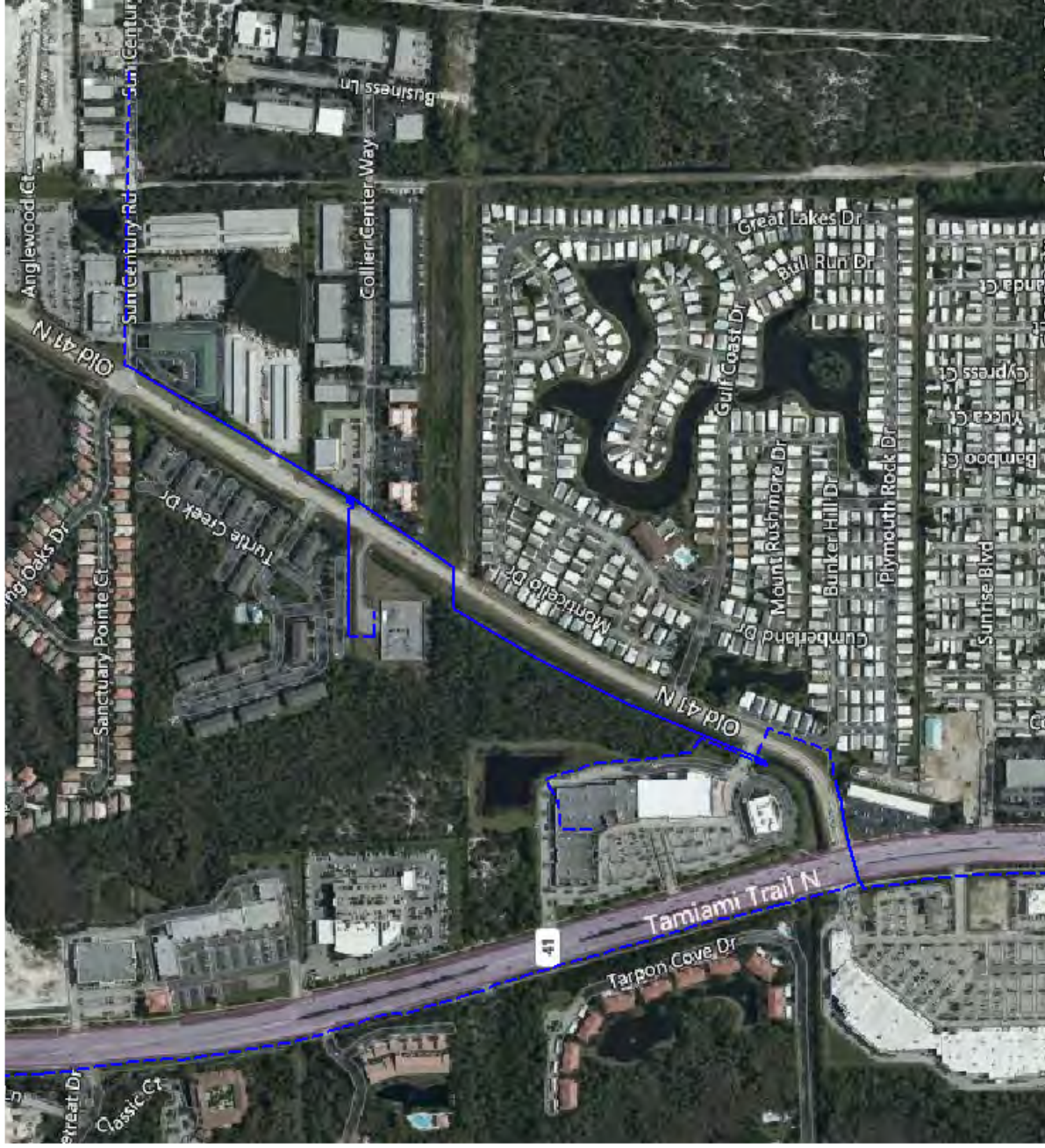
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CROWN CASTLE COLOR KEY

UNDERGROUND CONDUIT

AERIAL FIBER

UNDERGROUND FIBER



Florida Power & Light Company

RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Bray, Joel <Joel.Bray@fpl.com>

Fri 5/15/2020 1:48 PM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

I cannot assist with the below, you will need to contact the local engineering office, please refer to <https://partner.fpl.com/construction.html> scroll down to the map and enter the address of the project and the local construction/engineering office information will appear.

From: Matt Dockins <mdockins@rkk.com>**Sent:** Friday, May 15, 2020 1:42 PM**To:** Matt Dockins <mdockins@rkk.com>**Cc:** Andrews, Steven <Steven.Andrews@dot.state.fl.us>**Subject:** ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01Caution - External Email (mdockins@rkk.com)[Report This Email](#) [Tips](#)

Subject: ADJUSTMENT OF UTILITIES

CR 887 (Old US 41) Project Development and Environment Study
From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd
Lee and Collier Counties, Florida
FPID No.: 435110-1-22-01 & 435347-1-22-01

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for the project referenced above. The project will evaluate the potential widening of the roadway up to four lanes and may include marked bicycle lanes, sidewalks, and/or a shared-use path. Additionally, the project may evaluate improvements along Bonita Beach Rd and US 41, as needed, in the vicinity of Old US 41. Utilities owned by you may require relocation or adjustment as necessitated by the roadway construction.

As part of the study, the FDOT is required to collect information on all existing and proposed utilities within the project corridor. **The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road.**

Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. The base maps should be marked to designate the type, size, and location of your existing facilities and the approximate boundaries of easements or other compensatory interest in lands that you now hold along or across the proposed highway right-of-way. **Please return one set back to FDOT by June 15, 2020.** Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Your cooperation on this community project is greatly appreciated. If you have any questions or need additional information, please feel free to contact me via email at steven.andrews@dot.state.fl.us or by phone at (863) 519-2270. Additional information is available on the project website: <http://www.swflroads.com/us41/cr887/>

Sincerely,



Steven Andrews

Project Manager, Environmental Management

cc: Matt Dockins, Consultant Project Manager

Attachments: Set of Base Maps (to be marked and returned)

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

www.rkk.com

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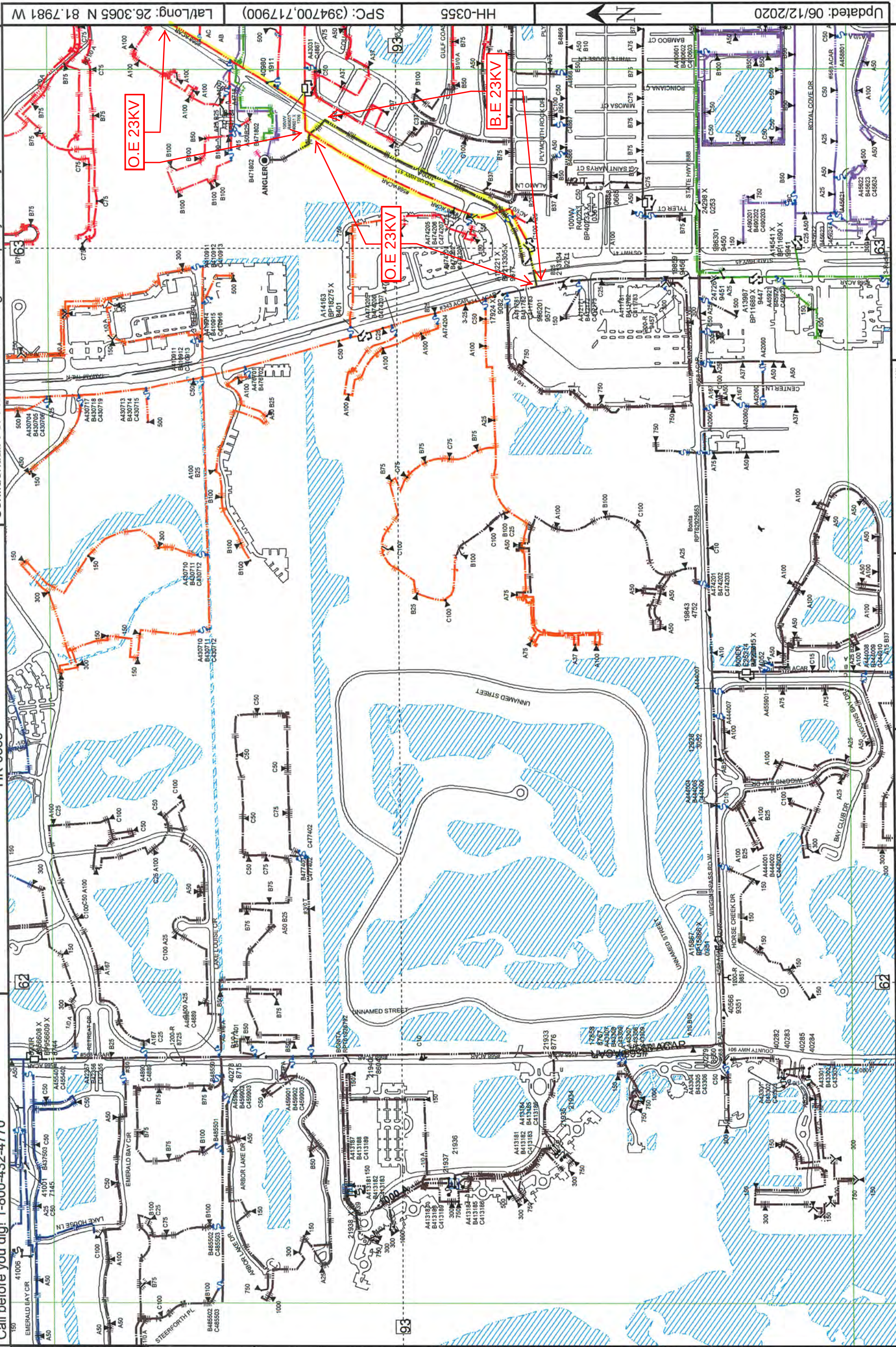
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Confidential: For Florida Power & Light Company use only.

SPC: (386300,712500)

Primary Map: HK-0355



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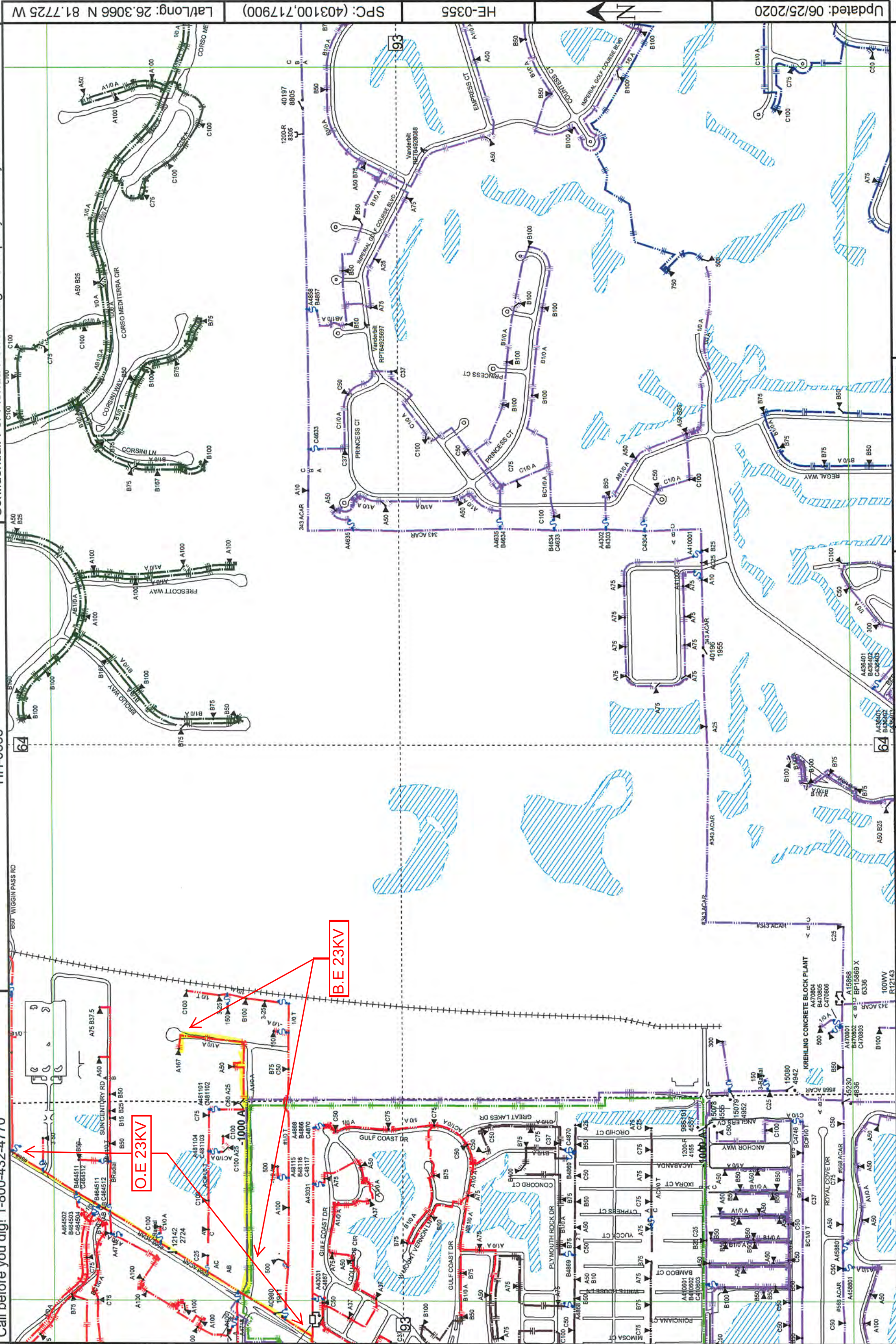
O.E 23KV

B.E 23KV

SPC: (

HE-0355

Updated: 06/25/2020

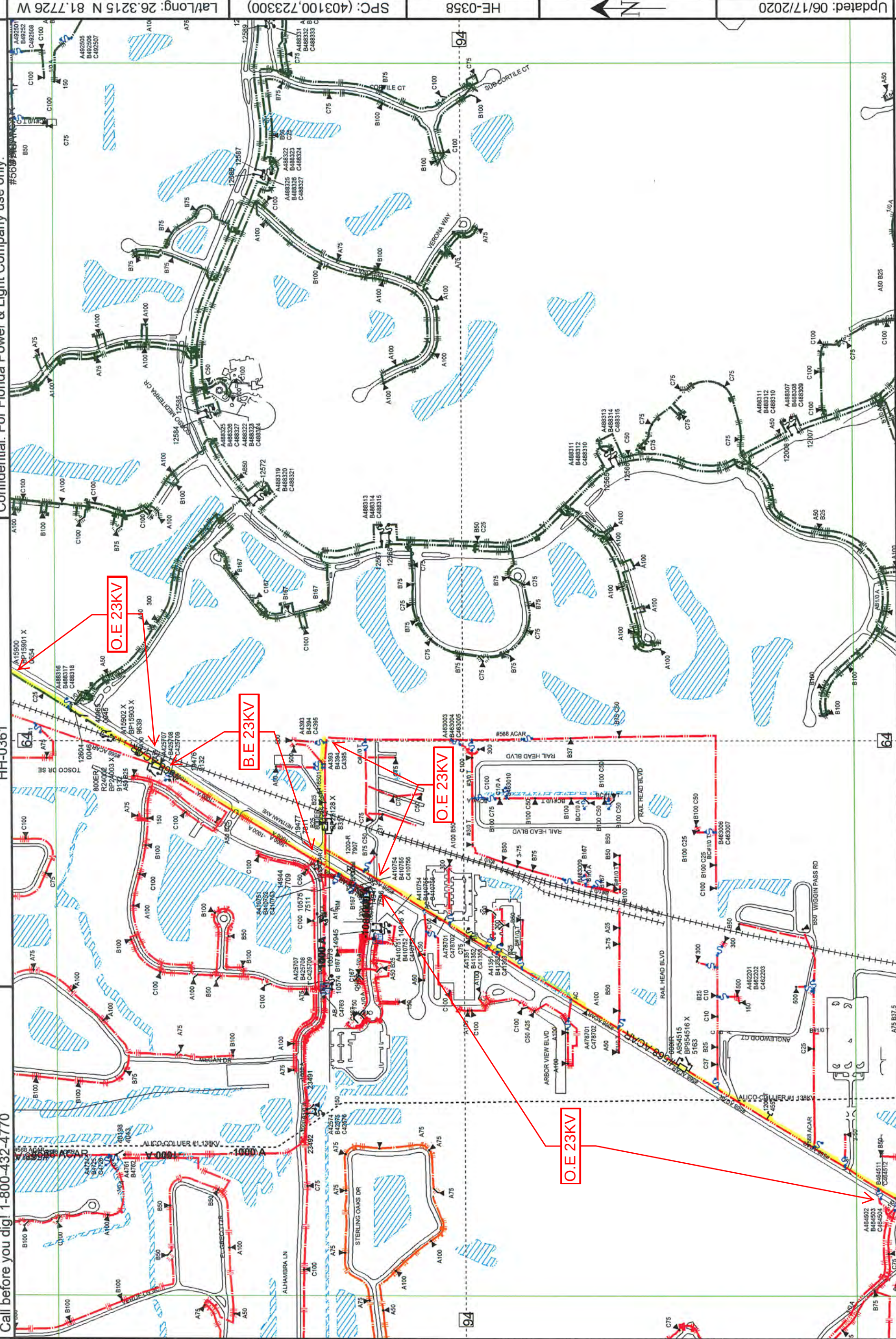


Primary Map: HH-0355

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

HH-0361

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1:300

HK-0358

Lat/Long: 26.3065 N 81.7981 W

SFC: (394700,717900)

County: Collier

Mgmt Area: Naples

Svc Ctr: Golden Gate

HH-0355

Primary Map: HH-0358

Updated: 06/17/2020

HE-0358

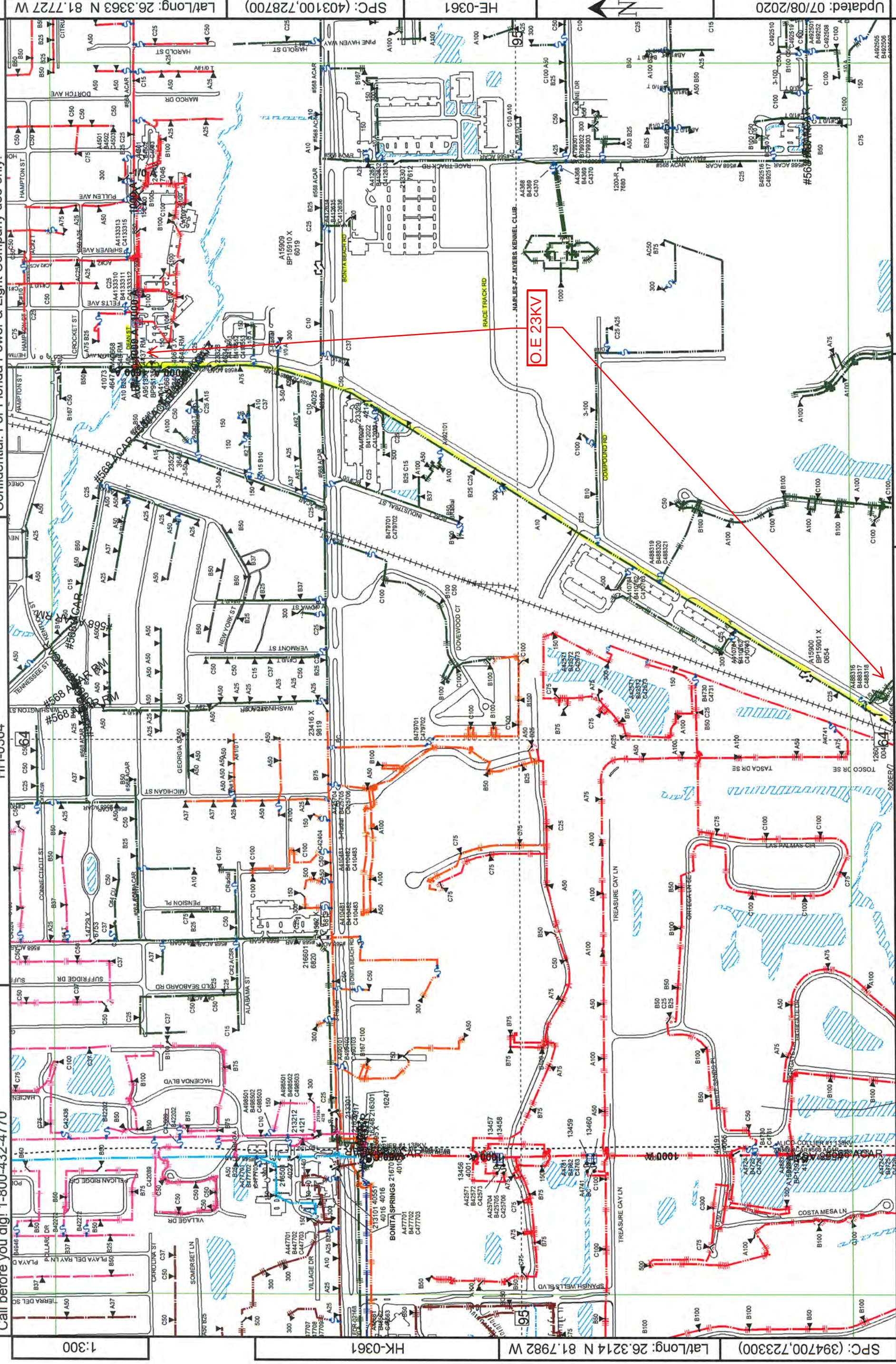
SFC: (403100,723300)

Lat/Long: 26.3215 N 81.7726 W

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

HH-0364

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SFC: (394700,723300)

Lat/Long: 26.3214 N 81.7982 W

HK-0361

1:300

Updated: 07/08/2020

HE-0361

SFC: (403100,728700)

Lat/Long: 26.3363 N 81.7727 W

County: Lee

Mgmt Area: Naples

Svc Ctr: Golden Gate

HH-0358

Primary Map: HH-0361

Hotwire Communications

RE: [External]RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Walter Sancho-Davila <walter.sancho-davila@hotwirecommunication.com>

Wed 6/17/2020 3:09 PM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

 1 attachments (3 MB)

Hotwire - Old 41 Base Maps_5-15-20_UAO.pdf;

Good afternoon Matt,

Please, see attachment; We have facilities in this area; this might be in conflict with your project.

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

Thank you

Walter Sancho-Davila | Project Manager | OSP Engineering

Office: 954.699.0900

Cell: 954.248.7396

walter.sancho-davila@hotwirecommunication.com



2100 W Cypress Creek Rd

Fort Lauderdale, FL 33309

CORPORATE SITE: www.hotwirecommunications.com

CUSTOMER SITE: www.gethotwired.com

[Hotwire's BBB Rating](#)

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From: Matt Dockins [mailto:mdockins@rkk.com]

Sent: Wednesday, June 17, 2020 10:49 AM

To: Matt Dockins

Cc: Andrews, Steven

Subject: [External]RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

This is a reminder that we have not received the utility information from your organization by the requested date (June 15, 2020). Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. Please return one set back to FDOT by June 26, 2020.

The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road. Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Thank you,
Matt

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637

813.386.1460 D | 863.682.4081 P
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From: Matt Dockins
Sent: Friday, May 15, 2020 1:42 PM
To: Matt Dockins <mdockins@rkk.com>
Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
Subject: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Subject: ADJUSTMENT OF UTILITIES

CR 887 (Old US 41) Project Development and Environment Study

From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd

Lee and Collier Counties, Florida

FPID No.: 435110-1-22-01 & 435347-1-22-01

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for the project referenced above. The project will evaluate the potential

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Sincerely,



Steven Andrews

Project Manager, Environmental Management

cc: Matt Dockins, Consultant Project Manager

Attachments: Set of Base Maps **(to be marked and returned)**

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637

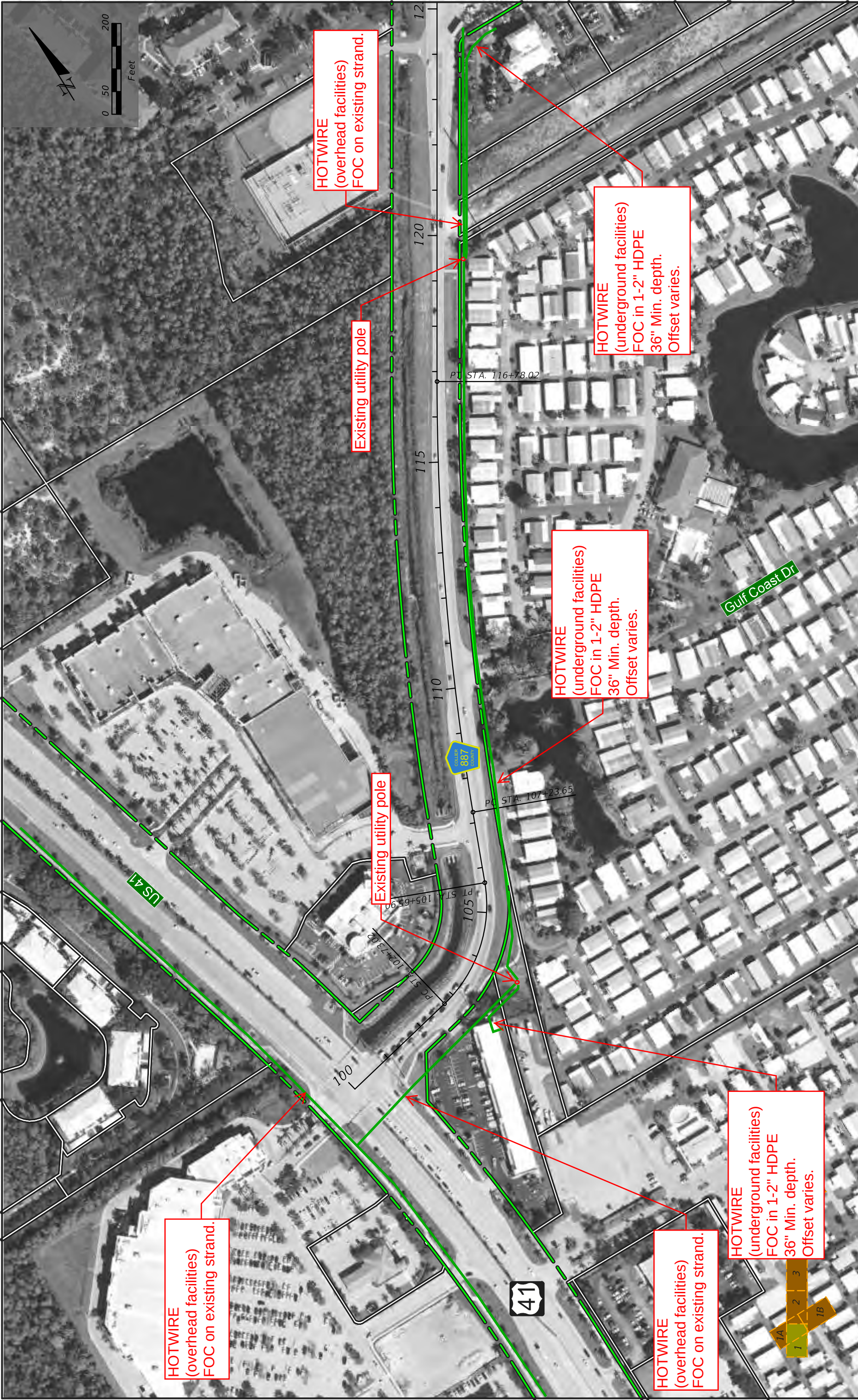
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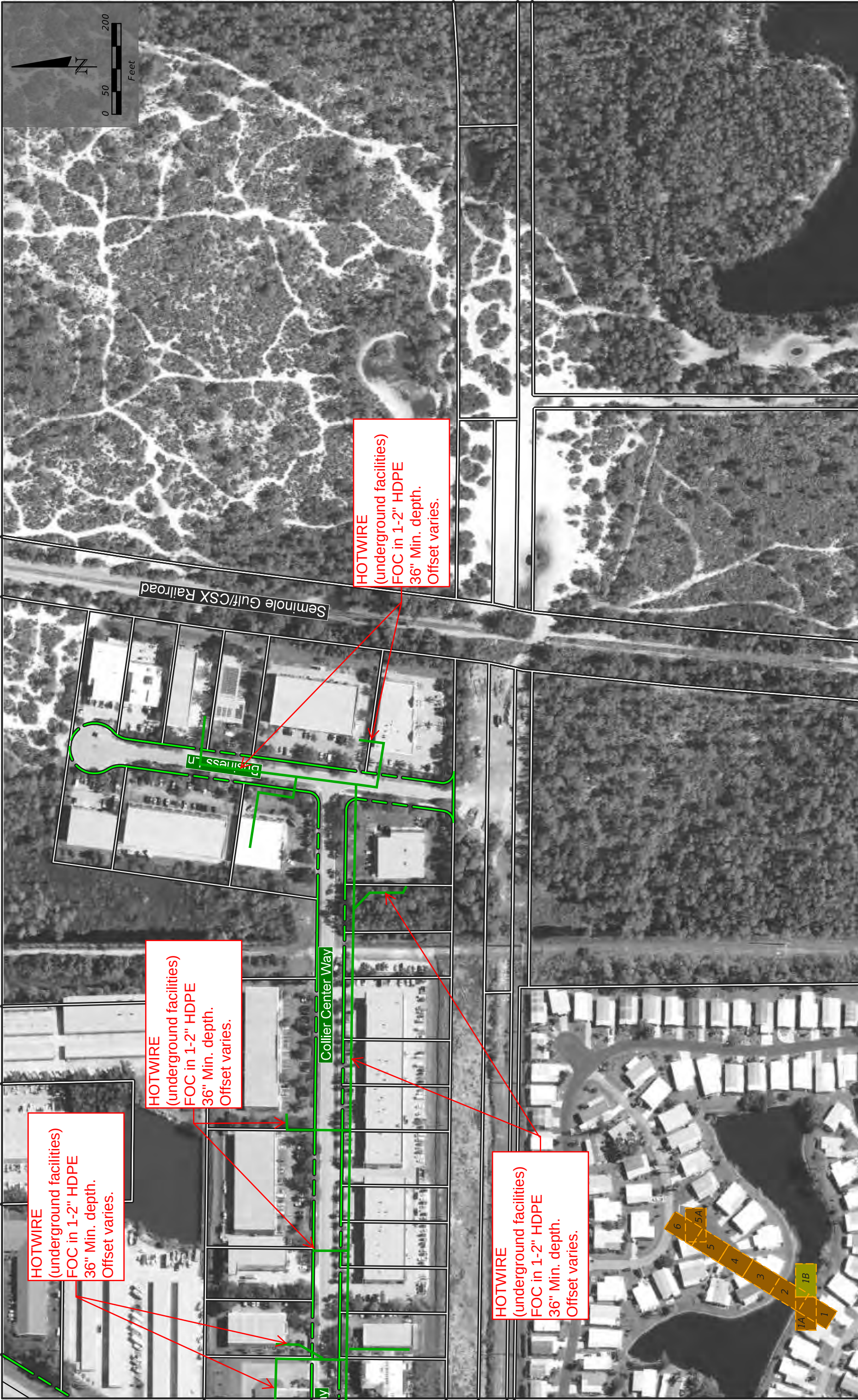
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COLLIER COUNTY

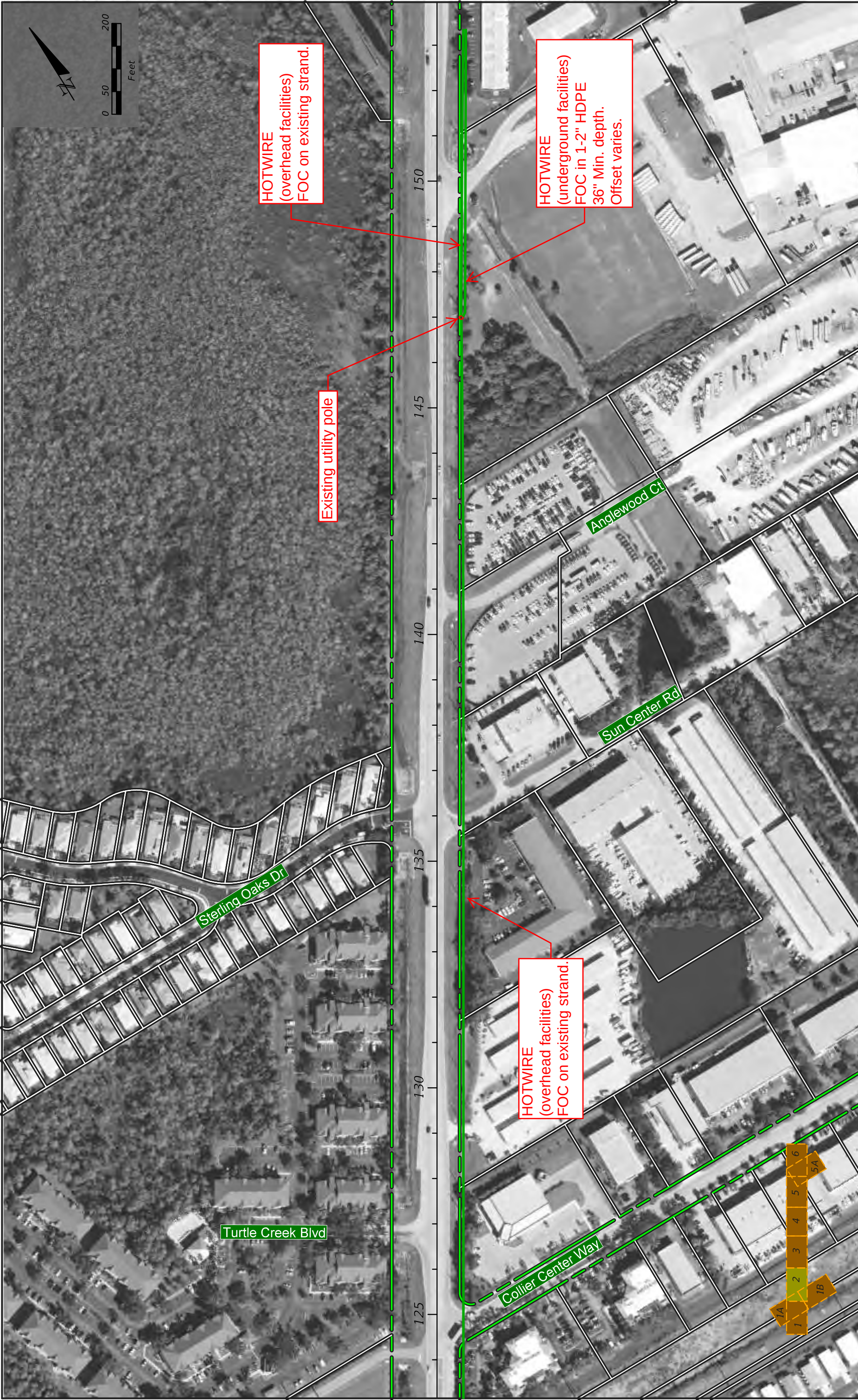
100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS		RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID CR 887 COLLIER AND LEE 435110-1-22-01 BASE MAP		SHEET NO. 1
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COLLIER COUNTY

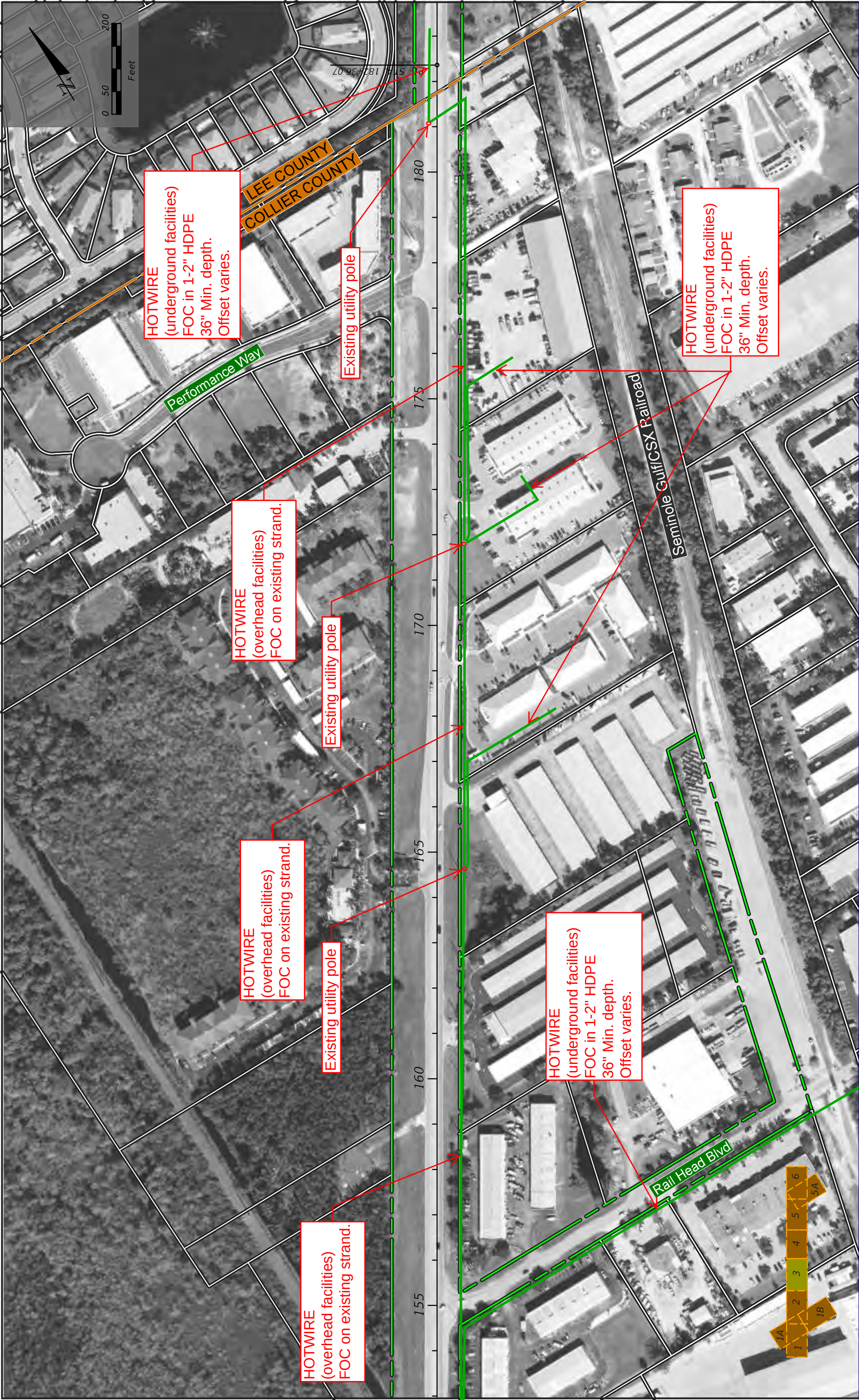
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		DEPARTMENT OF TRANSPORTATION				
		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
		CR 887	COLLIER AND LEE	435110-1-22-01		

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

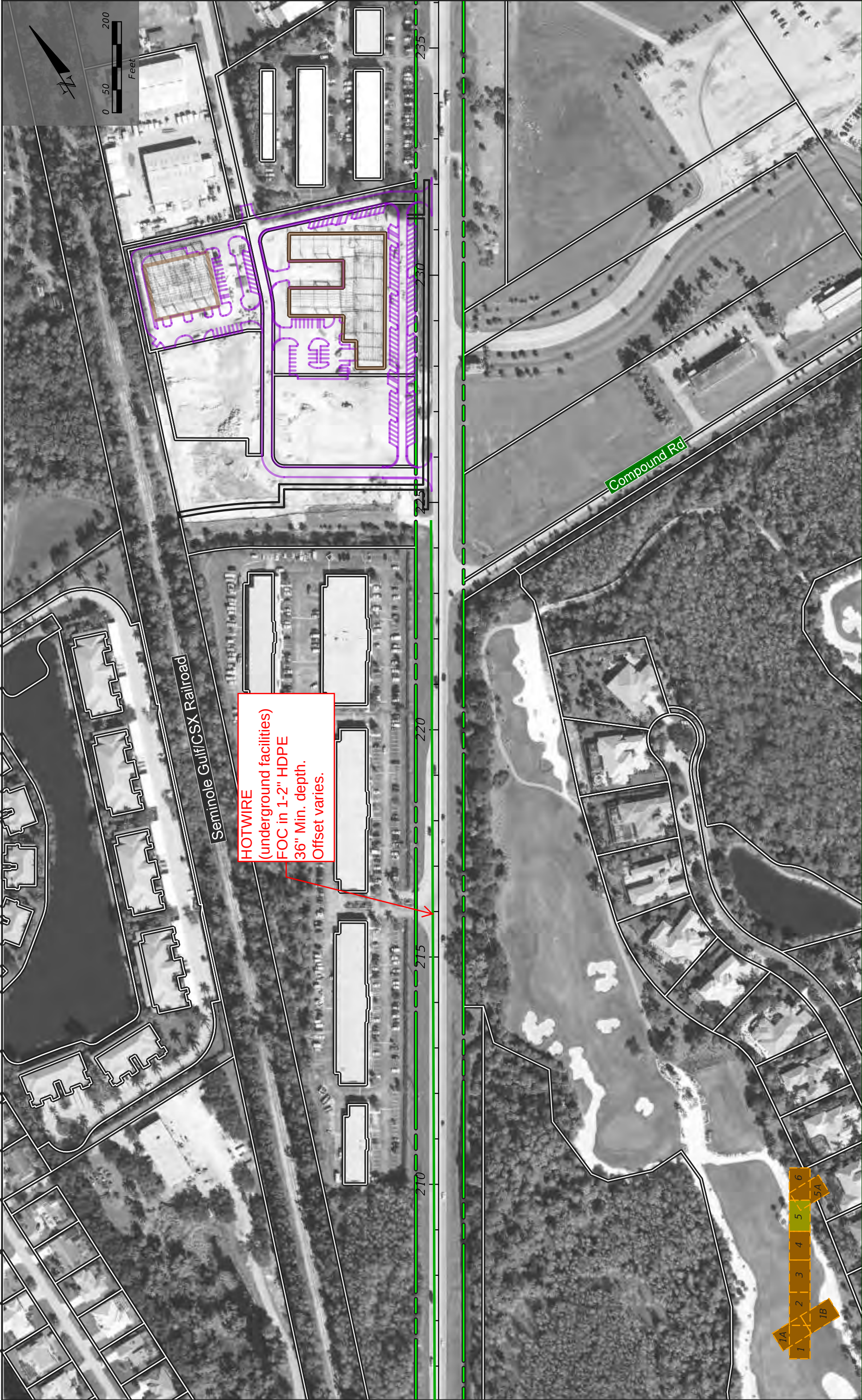


COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS
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COLLIER COUNTY				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				BASE MAP		SHEET NO.			
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				ROAD NO.		COUNTY						FINANCIAL PROJECT ID	
				CR 887		COLLIER AND LEE						435110-1-22-01	
FUTURE DEVELOPMENT													
CONSERVATION EASEMENTS													
CONSERVATION LANDS													
STATION													
EXISTING ROW													
PROPERTY LINES													
WETLANDS													
SURFACE WATERS													



LEE COUNTY/CITY OF BONITA SPRINGS

100

STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
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402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.

COUNTY

FINANCIAL PROJECT ID

CR 887

COLLIER AND LEE

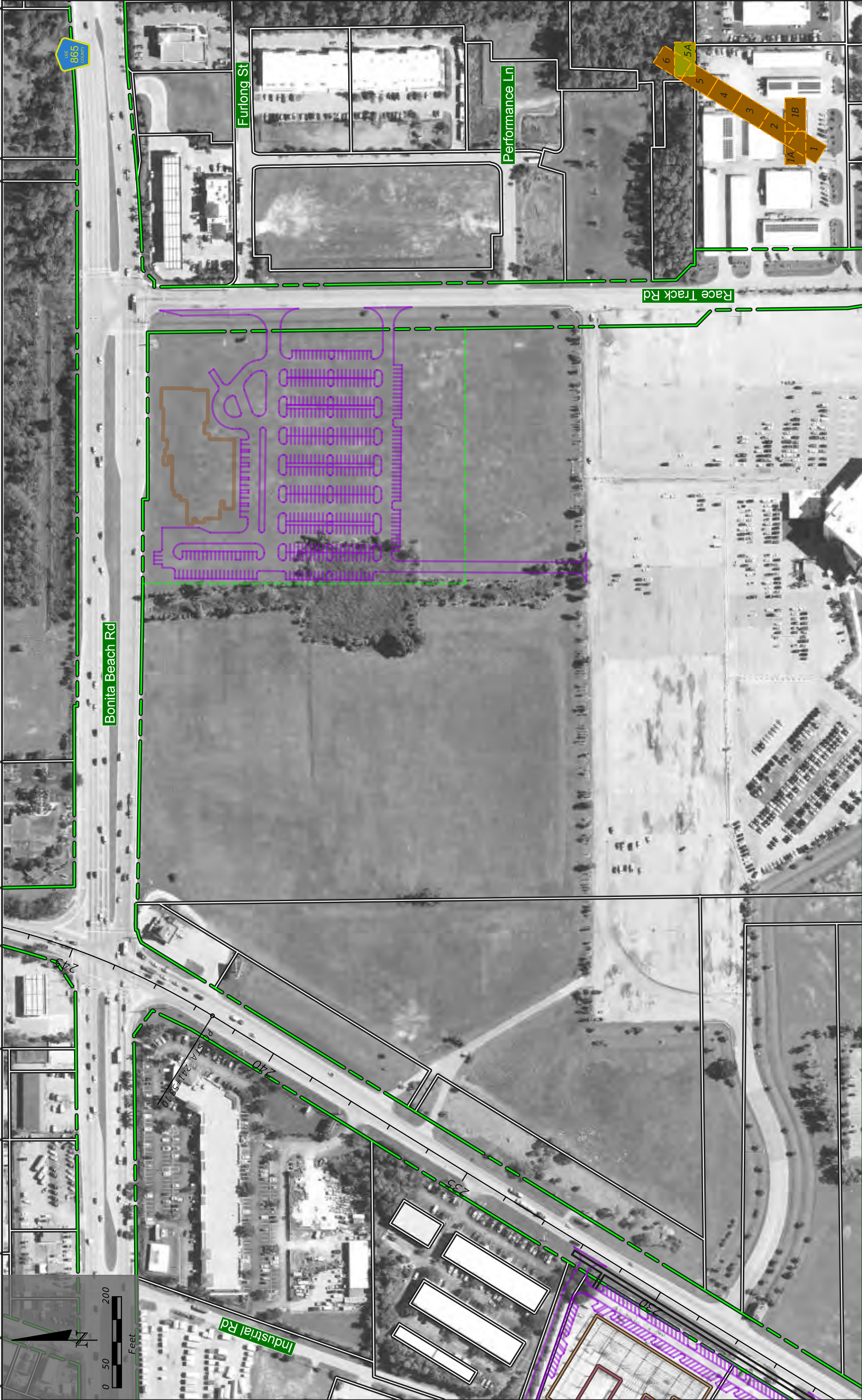
435110-1-22-01

BASE MAP

SHEET NO.

5

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LEE COUNTY/CITY OF BONITA SPRINGS

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- 100
- STATION
- EXISTING ROW
- PROPERTY LINES
- WETLANDS
- SURFACE WATERS
- FUTURE DEVELOPMENT
- CONSERVATION EASEMENTS
- CONSERVATION LANDS

Lee County Southwest Florida
Department of Transportation Operations

RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

McFadden, Patrick <PMcFadden@leegov.com>

Tue 6/23/2020 6:26 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

Matt,

I have no irrigation in the project area.

Patrick McFadden

Landscape Irrigation Supervisor

Lee County DOT Operations

238-533-9400 main

239-822-3864 cell



From: Matt Dockins <mdockins@rkk.com>

Sent: Wednesday, June 17, 2020 10:49 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

Subject: [EXTERNAL] RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

This is a reminder that we have not received the utility information from your organization by the requested date (June 15, 2020). Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. Please return one set back to FDOT by June 26, 2020.

The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road. Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Thank you,
Matt

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637

813.386.1460 D | 863.682.4081 P
www.rkk.com

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From: Matt Dockins
Sent: Friday, May 15, 2020 1:42 PM
To: Matt Dockins <mdockins@rkk.com>
Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
Subject: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Subject: ADJUSTMENT OF UTILITIES

CR 887 (Old US 41) Project Development and Environment Study

From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd

Lee and Collier Counties, Florida

FPID No.: 435110-1-22-01 & 435347-1-22-01

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for the project referenced above. The project will evaluate the potential widening of the roadway up to four lanes and may include marked bicycle lanes, sidewalks, and/or a shared-use path. Additionally, the project may evaluate improvements along Bonita Beach Rd and US 41, as needed, in the vicinity of Old US 41. Utilities owned by you may require relocation or adjustment as necessitated by the roadway construction.

As part of the study, the FDOT is required to collect information on all existing and proposed utilities within the project corridor. **The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road.**

Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. The base maps should be marked to designate the type, size, and location of your existing facilities and the approximate boundaries of easements or other compensatory interest in lands that you now hold along or across the proposed highway right-of-way. **Please return one set back to FDOT by June 15, 2020.** Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Your cooperation on this community project is greatly appreciated. If you have any questions or need additional information, please feel free to contact me via email at steven.andrews@dot.state.fl.us or by

phone at (863) 519-2270. Additional information is available on the project website:
<http://www.swflroads.com/us41/cr887/>

Sincerely,



Steven Andrews

Project Manager, Environmental Management

cc: Matt Dockins, Consultant Project Manager

Attachments: Set of Base Maps **(to be marked and returned)**

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637

813.386.1460 D | 863.682.4081 P
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Please note: Florida has a very broad public records law. Most written communications to or from County Employees and officials regarding County business are public records available to the public and media upon request. Your email communication may be subject to public disclosure.

Under Florida law, email addresses are public records. If you do not want your email address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Fencil, James <JFencil@leegov.com>

Thu 6/18/2020 2:28 PM

To: Matt Dockins <mdockins@rkk.com>

Cc: Steven.Andrews@dot.state.fl.us <Steven.Andrews@dot.state.fl.us>; Kirsch, Ryan <RKirsch@leegov.com>; Padgett, Michael <MPadgett@leegov.com>

 1 attachments (3 MB)

Old 41 Base Maps_5-15-20_UAO Lee County Traffic Greenlines.pdf;

Matt,
Lee County Traffic Green lines.
Thank you

Please note: Florida has a very broad public records law. Most written communications to or from County Employees and officials regarding County business are public records available to the public and media upon request. Your email communication may be subject to public disclosure.

Under Florida law, email addresses are public records. If you do not want your email address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.



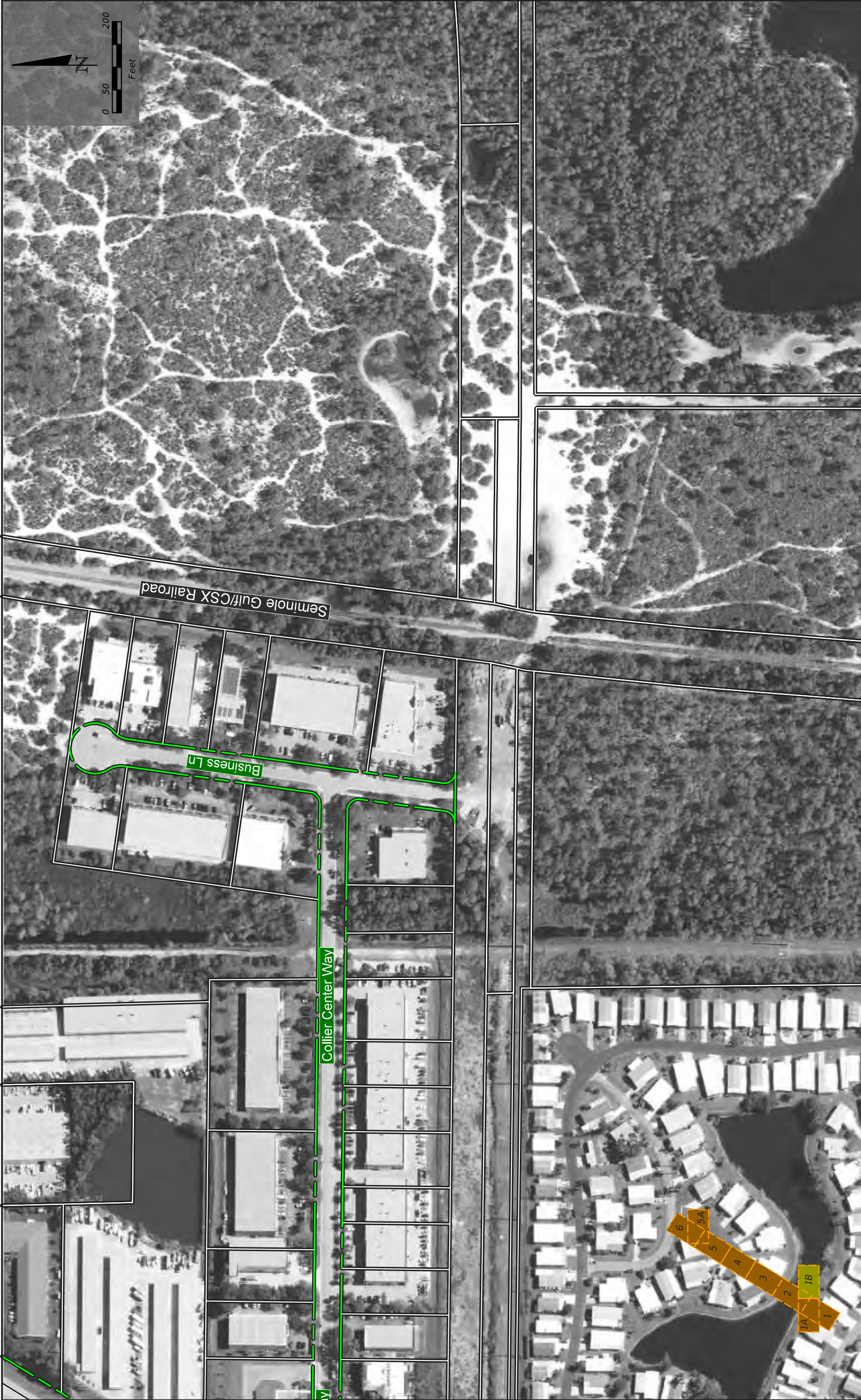
COLLIER COUNTY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		BASE MAP		SHEET NO.	
				1	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
		CR 887	COLLIER AND LEE	435110-1-22-01	



COLLIER COUNTY

100 EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP		SHEET NO.	
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CR 887	COLLIER AND LEE	435110-1-22-01	1A
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879							



COLLIER COUNTY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	BASE MAP		SHEET NO.	
			1B	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	CR 887	COLLIER AND LEE	435110-1-22-01	

- 100' STATION
- EXISTING ROW
- PROPERTY LINES
- WETLANDS
- SURFACE WATERS
- FUTURE DEVELOPMENT
- CONSERVATION EASEMENTS
- CONSERVATION LANDS



COLLIER COUNTY

100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS	RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BASE MAP	SHEET NO.
		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
		CR 887	COLLIER AND LEE	435110-1-22-01		



100'

STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

COLLIER COUNTY

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.
CR 887

COUNTY
COLLIER AND LEE

FINANCIAL PROJECT ID
435110-1-22-01

BASE MAP

SHEET NO.
3

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5/15/2020 10:24:19 AM



COLLIER COUNTY										LEE COUNTY/CITY OF BONITA SPRINGS										BASE MAP		SHEET NO.																			
100 STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS										RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879													STATE OF FLORIDA																		
																						DEPARTMENT OF TRANSPORTATION										FINANCIAL PROJECT ID									
										ROAD NO.										COUNTY										CR 887	COLLIER AND LEE										435110-1-22-01



LEE COUNTY/CITY OF BONITA SPRINGS

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

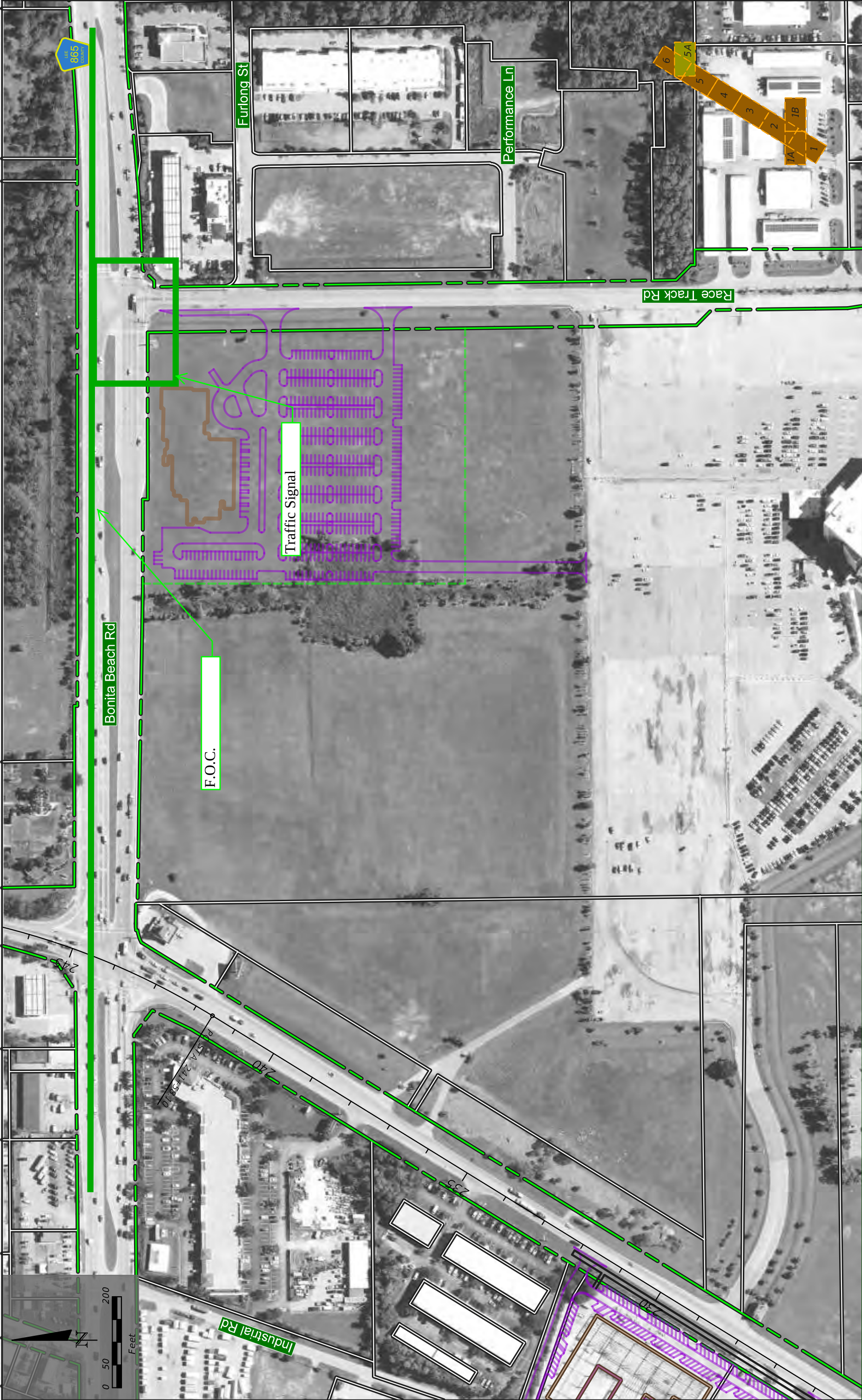
- 100
STATION
EXISTING ROW
PROPERTY LINES
WETLANDS
SURFACE WATERS
FUTURE DEVELOPMENT
CONSERVATION EASEMENTS
CONSERVATION LANDS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
CR 887	COLLIER AND LEE	435110-1-22-01	

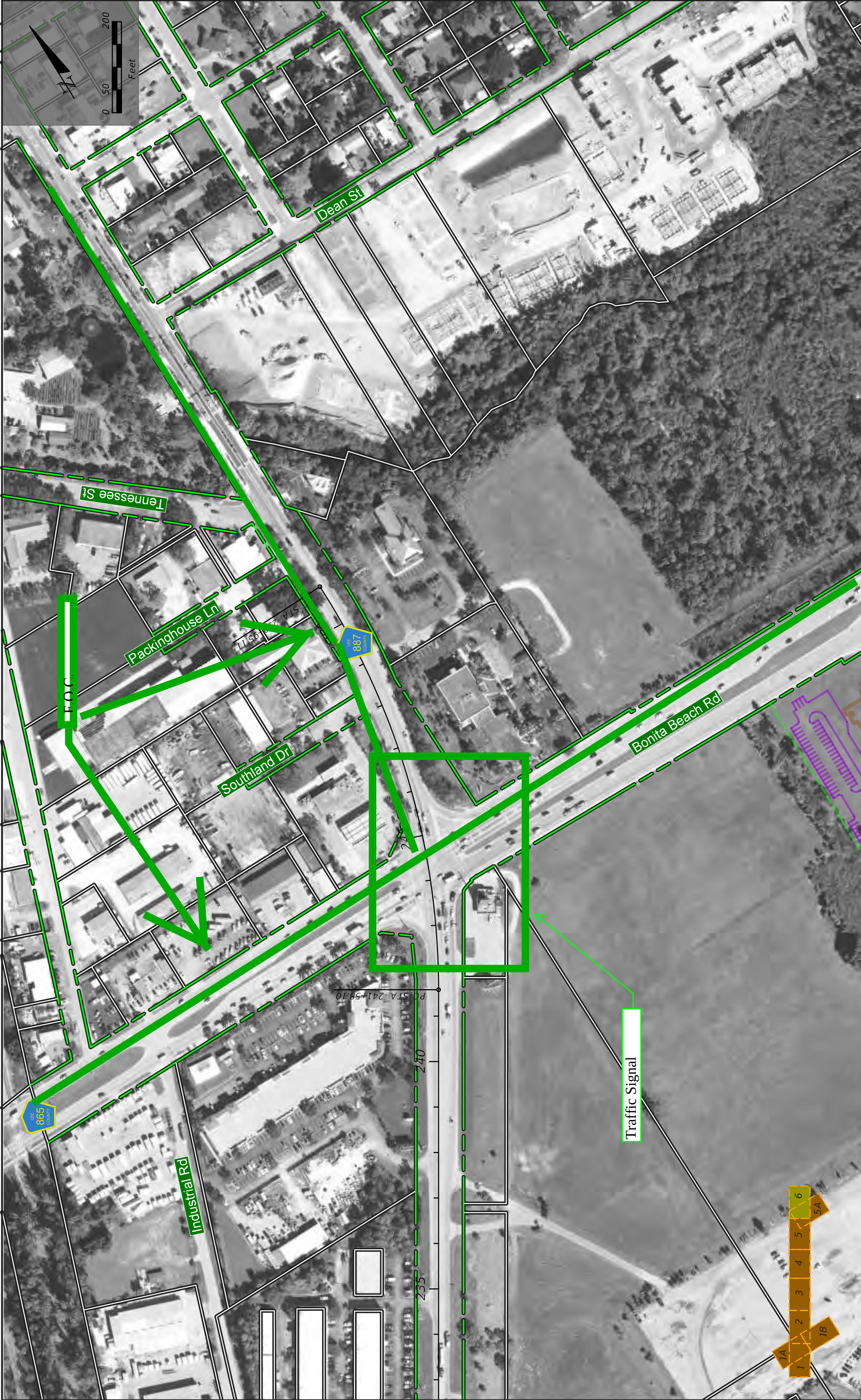
BASE MAP

SHEET NO.

5



LEE COUNTY/CITY OF BONITA SPRINGS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				BASE MAP		SHEET NO.	
RUMMEL, KLEPPER & KAHL, LLP (RK&K) MATTHEW J.W. DOCKINS P.E. LICENSE NUMBER 79350 402 S. KENTUCKY AVE., SUITE 400 LAKELAND, FLORIDA 33804 CERTIFICATE OF AUTHORIZATION No. 26879				ROAD NO. CR 887		COUNTY COLLIER AND LEE		FINANCIAL PROJECT ID 4351101-22-01		5A	
5/15/2020 10:25:32 AM \\ad.rkk.com\fs\Cloud\Projects\2019\19006_DICR887\4351101220\Roadway\old4\PLAN05a.dgn				100 0 50 200 Feet		STATION EXISTING ROW PROPERTY LINES WETLANDS SURFACE WATERS		FUTURE DEVELOPMENT CONSERVATION EASEMENTS CONSERVATION LANDS			



100

STATION

EXISTING ROW

PROPERTY LINES

WETLANDS

SURFACE WATERS

FUTURE DEVELOPMENT

CONSERVATION EASEMENTS

CONSERVATION LANDS

RUMMEL, KLEPPER & KAHL, LLP (RK&K)
MATTHEW J.W. DOCKINS
P.E. LICENSE NUMBER 79350
402 S. KENTUCKY AVE., SUITE 400
LAKELAND, FLORIDA 33804
CERTIFICATE OF AUTHORIZATION No. 26879

5/15/2020 10:25:44 AM

LEE COUNTY/CITY OF BONITA SPRINGS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.
CR 887

COUNTY
COLLIER AND LEE

FINANCIAL PROJECT ID
4351101-22-01

SHEET NO.
6

BASE MAP

Resource Conservation Systems, LLC

RE: [EXTERNAL]RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

RCS Info Mailbox <info@rcsirrigation.com>

Wed 6/17/2020 3:31 PM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

We don't have any service in this area.

Ryan Willoughby

Utility Operation Manager

Resource Conservation Systems, LLC

www.rcsirrigation.com

From: Matt Dockins <mdockins@rkk.com>

Sent: Wednesday, June 17, 2020 10:49 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

Subject: [EXTERNAL]RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

CAUTION: This email originated from outside of the organization! Proceed cautiously.

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Thank you,
Matt

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

www.rkk.com

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From: Matt Dockins

Sent: Friday, May 15, 2020 1:42 PM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

Subject: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Subject: ADJUSTMENT OF UTILITIES

CR 887 (Old US 41) Project Development and Environment Study

From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd

Lee and Collier Counties, Florida

FPID No.: 435110-1-22-01 & 435347-1-22-01

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Your cooperation on this community project is greatly appreciated. If you have any questions or need additional information, please feel free to contact me via email at steven.andrews@dot.state.fl.us or by phone at (863) 519-2270. Additional information is available on the project website: <http://www.swflroads.com/us41/cr887/>

Sincerely,



Steven Andrews

Project Manager, Environmental Management

cc: Matt Dockins, Consultant Project Manager

Attachments: Set of Base Maps (to be marked and returned)

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

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SICE

RE: Utility Location Information - Collier County Florida

Regalado Sánchez, Lidia <lregalado@sice.com>

Fri 10/2/2020 3:27 PM

To: Matt Dockins <mdockins@rkk.com>

Hi Matt,

For that project we received Final Acceptance this past June, we already notified 811 Sunshine and we should not be there.

Regardless, you should contact Michal Padgett for this project.

Michael Padgett
Traffic Operations Manager
Lee County DOT Traffic
5650 Enterprise Pkwy
Fort Myers, FL 33905
Office (239) 533-9500
Cell (239) 707-9402

Kind regards,

Lidia Regalado, PMP
Business Development Manager - FL



14350 NW 56th CT, unit 118, Miami, FL-33054
(+1) 305 222 7040 ext 1207/ (+1) 305 498 2785
lregalado@sice.com | www.sice.com

From: Matt Dockins [mailto:mdockins@rkk.com]
Sent: Friday, October 2, 2020 11:41 AM
To: Regalado Sánchez, Lidia <lregalado@sice.com>
Subject: [WARNING: UNSCANNABLE EXTRACTION FAILED]Re: Utility Location Information - Collier County Florida

Lidia,
Thanks for the quick response. SICE showed up as having facilities in the vicinity of FDOT's Old US 41 project according to Sunshine 811. FDOT's project is along Old US 41 from US 41 to Bonita Beach Road in Collier and Lee Counties. I've attached the project location map and KMZ of the project limits.

Thanks,
Matt

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637
813.386.1460 D | 863.682.4081 P

www.rkk.com

Responsive People | Creative Solutions



From: Regalado Sánchez, Lidia <lregalado@sice.com>
Sent: Friday, October 2, 2020 10:55 AM
To: Matt Dockins <mdockins@rkk.com>
Subject: RE: Utility Location Information - Collier County Florida

Good morning Mark,

SICE did not execute any project in Collier County. We have performed some work in Lee County. Can you please be more specific on the location or previous project you are referring to?

Kind regards,

Lidia Regalado, PMP
Business Development Manager - FL



14350 NW 56th CT, unit 118, Miami, FL-33054
(+1) 305 222 7040 ext 1207/ (+1) 305 498 2785
lregalado@sice.com | www.sice.com

De: Matt Dockins <mdockins@rkk.com>
Enviado el: martes, 29 de septiembre de 2020 22:43
Para: Central SICE <sice@sice.com>
Asunto: Re: Utility Location Information - Collier County Florida

I'm working for the Florida Department of Transportation on a roadway project and would like to get a contact name/email/phone for someone to discuss the facilities you have along Old US 41 in Collier County, Florida.

Please let me know who I should contact about this issue.

Thanks,
Matt

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

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From: Matt Dockins

Sent: Thursday, May 14, 2020 1:38 PM

To: sice@sice.com <sice@sice.com>

Subject: Utility Location Information - Collier County Florida

I'm working for the Florida Department of Transportation on a roadway project and would like to get a contact name/email/phone for someone to discuss the facilities you have along Old US 41 in Collier County Florida.

Please let me know who I should contact about this issue.

Thanks,
Matt

MATT DOCKINS, PE

Project Manager



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Summit Broadband

RE: Fiber Locate Ticket #134002440

Charlie Hartsock <chartsock@summit-broadband.com>

Thu 5/14/2020 11:46 AM

To: Rob Conger <rconger@summit-broadband.com>

Cc: Matt Dockins <mdockins@rkk.com>

This ticket # below does not show up on ID.

I will forward my email.

They need to specify what city (Naples or Bonita Sps.) for the scope of work stated.

Thanks,

Charles A. Hartsock

OSP Maintenance / Lead Field Technician

Phone: 239.444.0033 Ext. 7433 ▲ Fax: 239.444.0003

Cell : 239.631.9310

S U M M I T
B R O A D B A N D

From: Rob Conger <rconger@summit-broadband.com>

Sent: Thursday, May 14, 2020 8:45 AM

To: Charlie Hartsock <chartsock@summit-broadband.com>

Subject: FW: Fiber Locate Ticket #134002440

Rob Conger

Outside Plant Manager, Southwest Region

Phone: 239.444.0031 ▲ Mobile: 239.280.6267



From: Judith Martinez <judith.martinez@summit-broadband.com>

Sent: Wednesday, May 13, 2020 1:56 PM

To: Rob Conger <rconger@summit-broadband.com>; Farrell Theall <ftheall@summit-broadband.com>

Subject: Fiber Locate Ticket #134002440

Matt Dockins 813-386-1460 Email: mdockins@rkk.com needs an email address so they can email the formal locate request package.

Intersection of Old 41 from Us 41 to Bonita Beach Rd

JUDITH MARTINEZ

Commercial Technical Support Representative

Tel.407-998-4611 option 3 or Tel. 239-244-0242 option 3

Email:csc@summit-broadband.com

Email:businesscare@summit-broadband.com

Summit
Broadband

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FW: Fiber Locate Ticket #134002440

Charlie Hartsock <chartsock@summit-broadband.com>

Fri 5/15/2020 9:13 AM

To: Matt Dockins <mdockins@rkk.com>

Matt please forward the plan sets to :

dhuddlestun@summit-broadband.com & we will get the markups for the project done.

Thanks,

Charles A. Hartsock

OSP Maintenance / Lead Field Technician

Phone: 239.444.0033 Ext. 7433 ▲ Fax: 239.444.0003

Cell : 239.631.9310

S U M M I T
B R O A D B A N D

From: Mike Reber <mreber@summit-broadband.com>

Sent: Friday, May 15, 2020 9:03 AM

To: Charlie Hartsock <chartsock@summit-broadband.com>

Cc: Rob Conger <rconger@summit-broadband.com>

Subject: RE: Fiber Locate Ticket #134002440

Charlie

The Kmz is to large to email. If this is a request for mark ups he needs to send plans to Dean to be marked up.

Thanks

From: Charlie Hartsock <chartsock@summit-broadband.com>

Sent: Friday, May 15, 2020 8:41 AM

To: Mike Reber <mreber@summit-broadband.com>

Cc: Rob Conger <rconger@summit-broadband.com>

Subject: FW: Fiber Locate Ticket #134002440

Mike could you please send Matt an updated KMZ for this area of our Network.

I do not have the newest areas in the North section of Bonita updated on mine.

Thanks,

Charles A. Hartsock

OSP Maintenance / Lead Field Technician

Phone: 239.444.0033 Ext. 7433 ▲ Fax: 239.444.0003

Cell : 239.631.9310

S U M M I T
B R O A D B A N D

From: Matt Dockins <mdockins@rkk.com>

Sent: Thursday, May 14, 2020 11:55 AM

To: Charlie Hartsock <chartsock@summit-broadband.com>; Rob Conger <rconger@summit-broadband.com>

Subject: Re: Fiber Locate Ticket #134002440

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Charles,

It is in Bonita Springs and unincorporated Collier County. See attached KMZ.

Feel free to call if you have other questions.

Thanks,

Matt

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

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From: Charlie Hartsock <chartsock@summit-broadband.com>

Sent: Thursday, May 14, 2020 11:46 AM

To: Rob Conger <rconger@summit-broadband.com>

Cc: Matt Dockins <mdockins@rkk.com>

Subject: RE: Fiber Locate Ticket #134002440

This ticket # below does not show up on ID.

I will forward my email.

They need to specify what city (Naples or Bonita Sps.) for the scope of work stated.

Thanks,

Charles A. Hartsock

OSP Maintenance / Lead Field Technician

Phone: 239.444.0033 Ext. 7433 ▲ Fax: 239.444.0003

Cell : 239.631.9310

S U M M I T
B R O A D B A N D

From: Rob Conger <rconger@summit-broadband.com>

Sent: Thursday, May 14, 2020 8:45 AM

To: Charlie Hartsock <chartsock@summit-broadband.com>

Subject: FW: Fiber Locate Ticket #134002440

Rob Conger

Outside Plant Manager, Southwest Region

Phone: 239.444.0031 ▲ Mobile: 239.280.6267



From: Judith Martinez <judith.martinez@summit-broadband.com>

Sent: Wednesday, May 13, 2020 1:56 PM

To: Rob Conger <rconger@summit-broadband.com>; Farrell Theall <ftheall@summit-broadband.com>

Subject: Fiber Locate Ticket #134002440

Matt Dockins 813-386-1460 Email: mdockins@rkk.com needs an email address so they can email the formal locate request package.

Intersection of Old 41 from Us 41 to Bonita Beach Rd

JUDITH MARTINEZ

Commercial Technical Support Representative

Tel.407-998-4611 option 3 or Tel. 239-244-0242 option 3

Email:csc@summit-broadband.com

Email:businesscare@summit-broadband.com

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RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

ebecker@fiberop.com <ebecker@fiberop.com>

Wed 8/19/2020 11:43 AM

To: Matt Dockins <mdockins@rkk.com>

 1 attachments (1 MB)

435110-1-22-01 & 435347-1-22-01 CR 887 (old US 41) Greenlines-Aug 2020.pdf;

Matt,

Here is an updated and expanded area map for this project.

Please let me know if you need anything else.

Betsy Becker
Worldwide Fiber Optics, Inc.
407-468-5735-Cell
407-292-4545-Work
ebecker@fiberop.com



From: Matt Dockins <mdockins@rkk.com>

Sent: Wednesday, August 5, 2020 3:01 PM

To: ebecker@fiberop.com

Subject: Re: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Betsy,

Here are the study area map attachments.

Matt

MATT DOCKINS, PE
Project Manager



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Tampa, FL 33637
813.386.1460 D | 863.682.4081 P
www.rkk.com
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From: Matt Dockins <mdockins@rkk.com>
Sent: Wednesday, August 5, 2020 2:57 PM
To: ebecker@fiberop.com <ebecker@fiberop.com>
Subject: Re: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Betsy,
The plans you provided did not include coverage of the entire study area (see attached KMZ and image). Specifically, we will need coverage in the following areas in addition to Old 41 itself:

1. Collier County

a. US 41 in from 400' south of Old 41 to Red Fox Run

2. Lee County

a. Bonita Beach Rd from Industrial Rd to 700' east of Race Track Rd

b. Race Tack Rd from K Nine Drive to Bonita Beach Rd

Please provide the additional information at your earliest convenience.

Thanks,
Matt

MATT DOCKINS, PE
Project Manager



14055 Riveredge Drive, Suite 130
Tampa, FL 33637
813.386.1460 D | 863.682.4081 P
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From: ebecker@fiberop.com <ebecker@fiberop.com>
Sent: Thursday, July 9, 2020 11:30 AM
To: Matt Dockins <mdockins@rkk.com>
Subject: RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Matt,

Sorry for the long delay.
Here is our greenlines for you.

Betsy

From: Matt Dockins <mdockins@rkk.com>
Sent: Thursday, July 9, 2020 9:23 AM
To: Betsy Becker <ebecker@fiberop.com>
Subject: Re: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Great. Thanks Betsy.

Matt

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

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From: Betsy Becker <ebecker@fiberop.com>
Sent: Thursday, July 9, 2020 9:15 AM
To: Matt Dockins <mdockins@rkk.com>
Subject: Re: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

They will be to you today.

Sent from my iPhone

On Jul 9, 2020, at 9:00 AM, Matt Dockins <mdockins@rkk.com> wrote:

Betsy,
I just wanted to follow up with you on this. Will you be able to send the plans back soon?

Thanks,
Matt

MATT DOCKINS, PE

Project Manager

<Outlook-1514487259.png>

14055 Riveredge Drive, Suite 130

Tampa, FL 33637

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<Outlook-xbnxiut4.jpg>

<Outlook-qqdocdqx.jpg>

<Outlook-kswbayil.jpg>

<Outlook-13nee3ds.png>

<Outlook-2ndy1uay.jpg>

From: ebecker@fiberop.com <ebecker@fiberop.com>

Sent: Wednesday, June 17, 2020 11:48 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: 'Dean Huddlestun' <dhuddlestun@summit-broadband.com>

Subject: FW: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Matt,

Sorry for the delay.

Summit Broadband is in the process of obtaining the field information for you. We will then put it on paper where the aerial and underground facilities are and get it to you.

Thank you,

Betsy Becker

Worldwide Fiber Optics, Inc.

407-468-5735-Cell

407-292-4545-Work

ebecker@fiberop.com

<image009.jpg>

From: Matt Dockins <mdockins@rkk.com>

Sent: Wednesday, June 17, 2020 10:49 AM

To: Matt Dockins <mdockins@rkk.com>

Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>

Subject: RE: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

This is a reminder that we have not received the utility information from your organization by the requested date (June 15, 2020). Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. Please return one set back to FDOT by June 26, 2020.

The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road. Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Thank you,
Matt

MATT DOCKINS, PE
Project Manager

<image001.png>

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Tampa, FL 33637

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<image002.jpg>

<image003.jpg>

<image004.jpg>

<image005.png>

<image006.jpg>

From: Matt Dockins
Sent: Friday, May 15, 2020 1:42 PM
To: Matt Dockins <mdockins@rkk.com>
Cc: Andrews, Steven <Steven.Andrews@dot.state.fl.us>
Subject: ADJUSTMENT OF UTILITIES CR 887 (Old US 41) PD&E Study, FPID No.: 435110-1-22-01 & 435347-1-22-01

Subject: ADJUSTMENT OF UTILITIES

CR 887 (Old US 41) Project Development and Environment Study

From US 41 to Lee County Line and from Collier County Line to Bonita Beach Rd

Lee and Collier Counties, Florida

FPID No.: 435110-1-22-01 & 435347-1-22-01

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for the project referenced above. The project will evaluate the potential widening of the roadway up to four lanes and may include marked bicycle lanes, sidewalks, and/or a shared-use path. Additionally, the project may evaluate improvements along Bonita Beach Rd and US 41, as needed, in the vicinity of Old US 41. Utilities owned by you may require relocation or adjustment as necessitated by the roadway construction.

As part of the study, the FDOT is required to collect information on all existing and proposed utilities within the project corridor. **The specific information needed from you is to identify the type and location of any existing or proposed utilities you may have within the study area including, Old US 41, US 41, Bonita Beach Road, and Race Track Road.**

Attached is a set of aerial base maps for identifying your existing and proposed utilities within the study area. The base maps should be marked to designate the type, size, and location of your existing facilities and the approximate boundaries of easements or other compensatory interest in lands that you now hold along or across the proposed highway right-of-way. **Please return one set back to FDOT by June 15, 2020.** Please advise us in writing on your company letterhead if you do not have any existing or planned utility installations within the study limits.

Your cooperation on this community project is greatly appreciated. If you have any questions or need additional information, please feel free to contact me via email at steven.andrews@dot.state.fl.us or by phone at (863) 519-2270. Additional information is available on the project website: <http://www.swflroads.com/us41/cr887/>

Sincerely,

<image007.png>

Steven Andrews

Project Manager, Environmental Management

cc: Matt Dockins, Consultant Project Manager

Attachments: Set of Base Maps **(to be marked and returned)**

MATT DOCKINS, PE
Project Manager

<image001.png>

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<image002.jpg>

<image003.jpg>

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<image006.jpg>

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RK&K is an equal opportunity employer that values diversity at all levels. RK&K does not discriminate in employment on the basis of race, color, religion, sex (including pregnancy), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, parental status, military and veteran status, and any other characteristic protected by applicable law. Consistent with the requirements of Title VI of the Civil Rights Act of 1964, as amended and other nondiscrimination laws and authorities, we also note that RK&K does not discriminate in its selection or retention of subcontractors on the grounds of race, color, or national origin. We also note that RK&K will ensure that Minorities will be afforded full opportunity to submit proposals and not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

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4351110-1-22-01
CR 887 (OLD 41)
15385 TAMiami TrL N
NAPLES, FL 34110
FOR
SUMMIT BROADBAND, INC
GREENLINE DRAWINGS

INDEX OF PLANS
SHEET NO. 1
SHEET DESCRIPTION COVER PAGE
PLAN VIEWS 2-13

DRAFTING DATE: 07/02/2020
REVISION DATE: 08/18/2020

PAGE 1 OF 13

LOCATE DISCLAIMER

Since Sunshine is not mandated to provide locates for design purposes, the location of all subsurface utilities depicted on these plans as to running line and/or depth shall be considered only as good approximations and not actual location/depth. The location of other utilities depicted on these drawings are based on the best available asbuilt drawings provided by the utility and field observation of plainly visible surface mounted structures. Buried utilities that have no surface structures or markers in the area may be present. Call Sunshine for locates before beginning construction.

GENERAL NOTES-2

Drawings may not reveal the existence or locations of all underground utilities or obstructions.

It is the sole responsibility of the installation contractor to verify the existing and location of all underground utilities or obstructions prior to any excavation.

you must contact local utility companies and locator services for such verification prior to any excavation

Note to Installation contractor

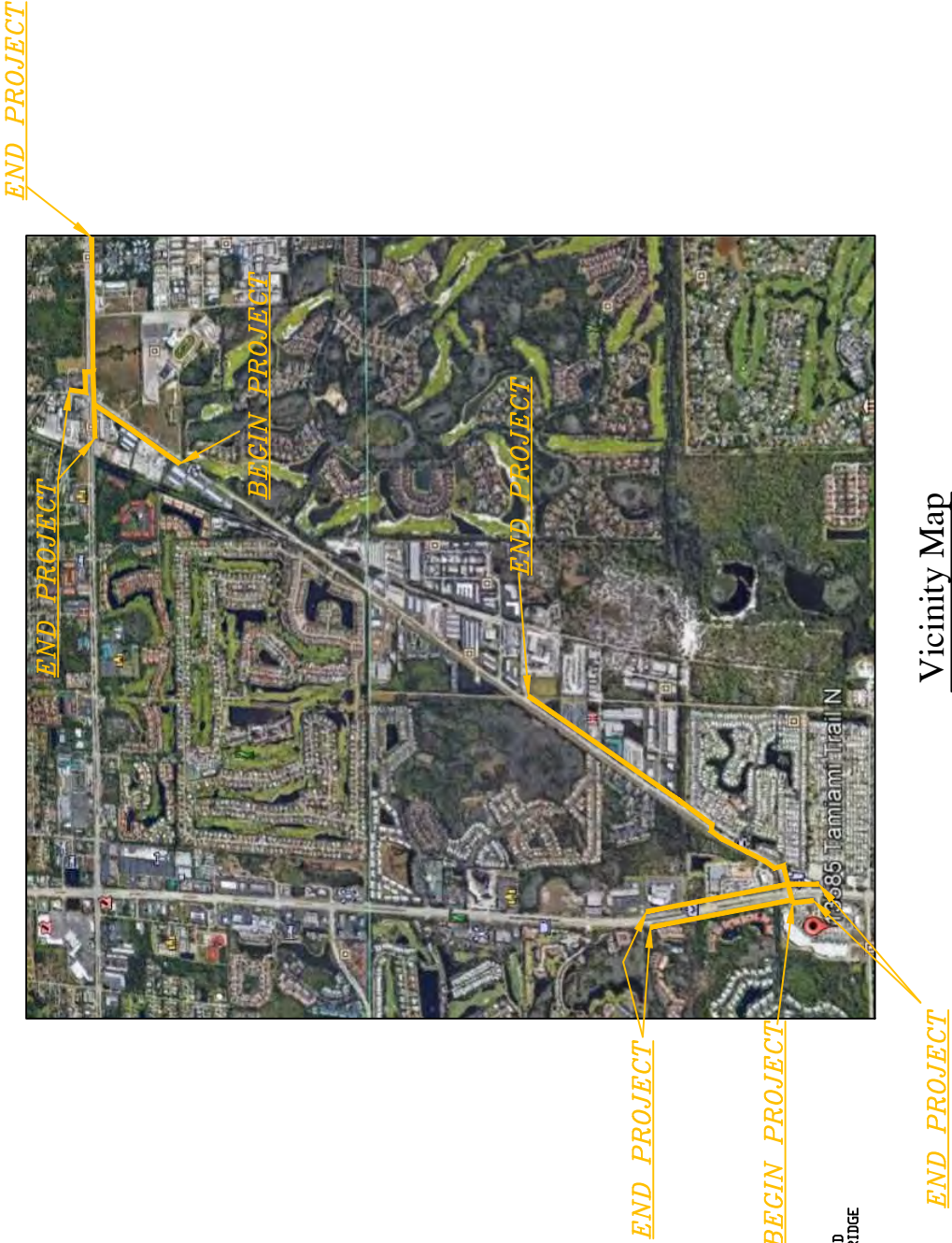
- Drawing is for permitting purposes only, not for construction.
- It is not anticipated that dewatering will be necessary to perform this work. Dewatering permits should be obtained prior to undertaking such activities.

Always call 811 two full business days before you dig to have underground utilities located and marked.

sunshine811.com

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED JANUARY 2016, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2010, AS AMENDED BY CONTRACT DOCUMENTS.

SUMMIT BROADBAND
Greenlines
August 12, 2020



Vicinity Map

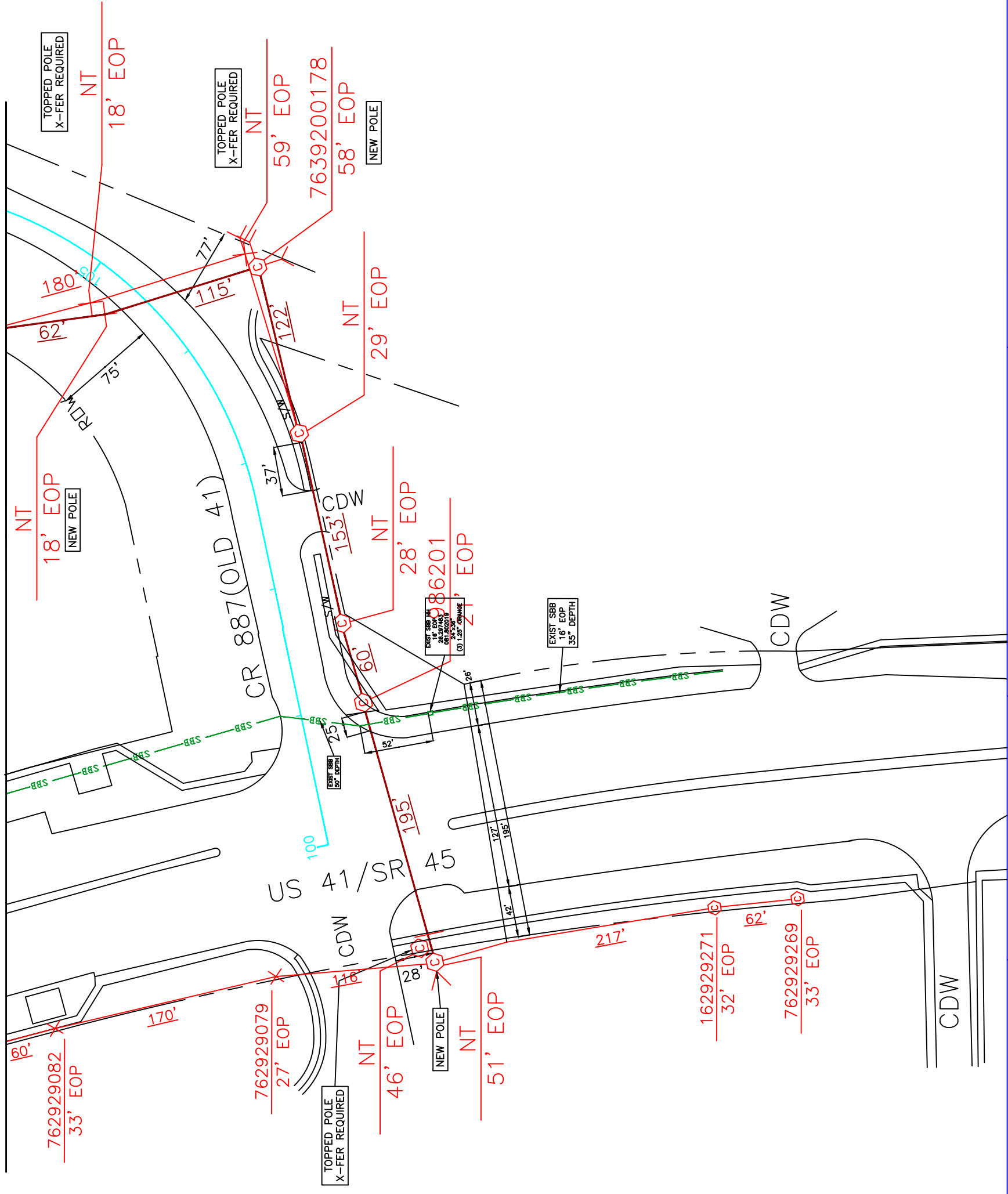


SCALE = NTS

LEGEND	
BE	BURIED ELECTRIC
BF	BURIED FIBER OPTIC
BT	BURIED TV
GA	GAS
RC	RECLAIMED WATER
S	SEWER/SANITARY
VR	WATER
VR	VR
SBB	PROP SBB
ROW	ROW
EOP	EOP
	SOFT DIG LOCATION
	S/W- SIDEWALK
	PROPOSED HANDHOLD
	EXISTING CONCRETE POLE
	EXISTING WOOD POLE
	SEND/RECEIVE PIT
	S/W SLAB REMOVAL & REPLACEMENT
	Existing OH Cable Route
	Existing UG Cable Route
	Proposed Directional Bore
	Existing Conduit Route

SUBJECT	PROPOSED CATA FACIL
S/T/R	16/4/5/25E
COUNTY RD #	887
RIGHT OF WAY	N/A

MATCH TO A-A, PG 3 OF 13



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
					JOB NO.
					DRAWN BY: DFL



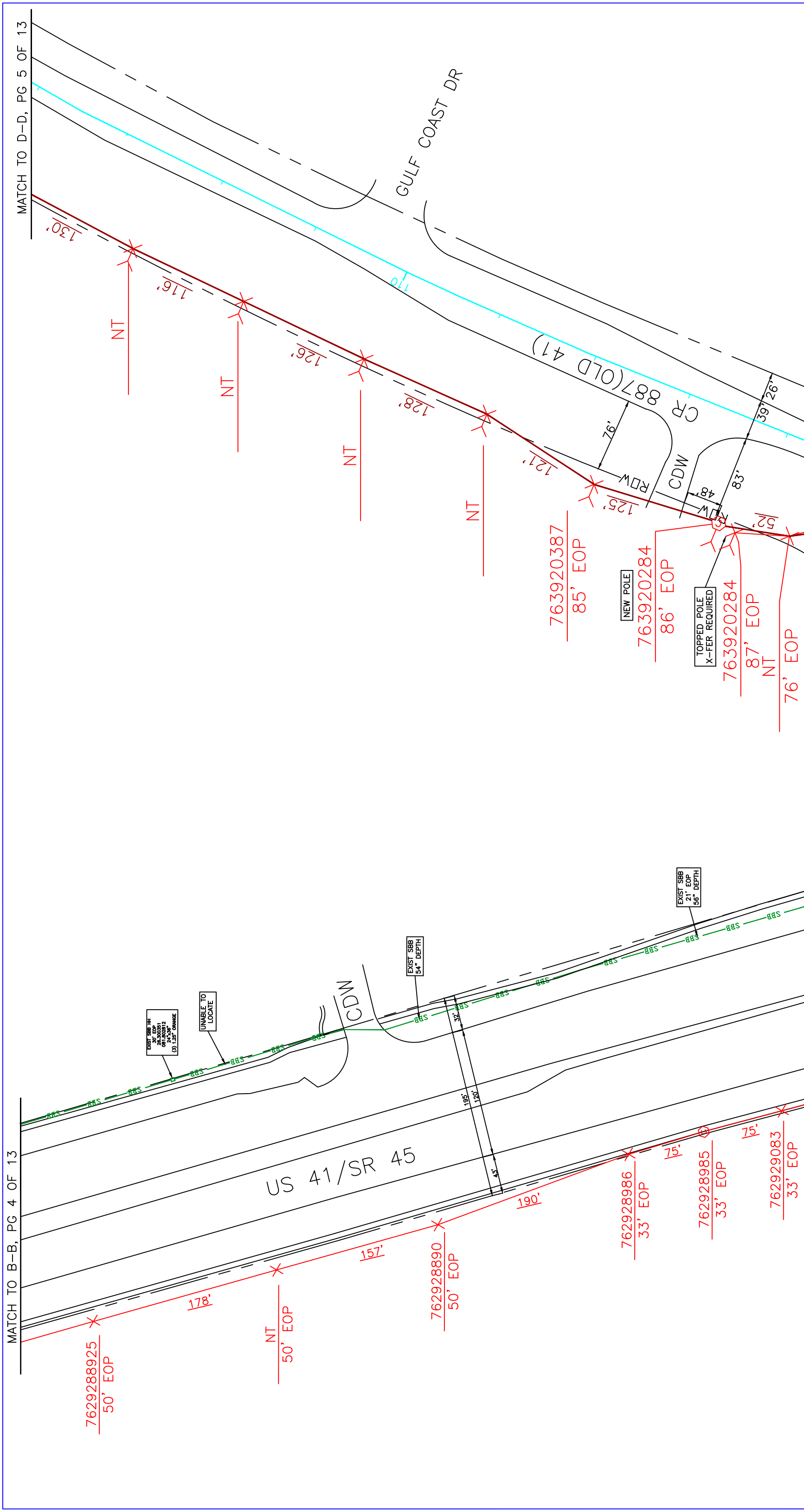
SUMMIT
BROADBAND
24017 PRODUCTION CIRCLE
BONITA SPRINGS, FL 34135

435110-1-22-01
CR887 (OLD 41)
13585 TAMIAMI TRL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

SHEET NO.

2013



REVISIONS				
DATE	BY	DESCRIPTION	DATE	BY
07/09/20	DFL	ADDED PROJECT NUMBER		
				JOB NO.
				DRAWN BY: DFL



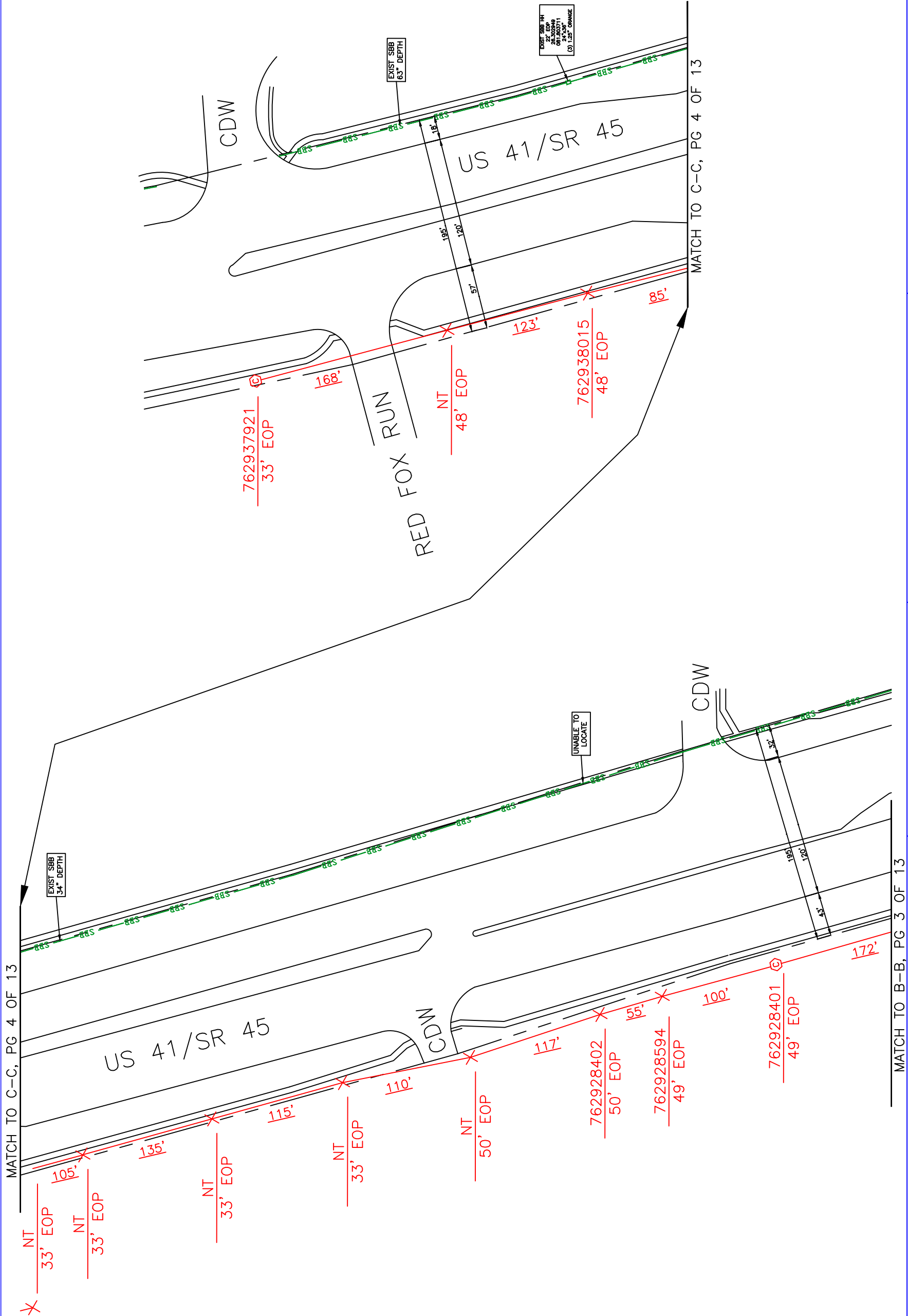
SUMMIT
BROADBAND
24017 PRODUCTION CIRCLE
BONITA SPRINGS, FL 34135

435110-1-22-01
CR887 (OLD 41)
13585 TAMIAMI TRL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

SHEET NO.

3 OF 13



MATCH TO B-B, PG 3 OF 13

REVISIONS			
DATE	BY	DESCRIPTION	



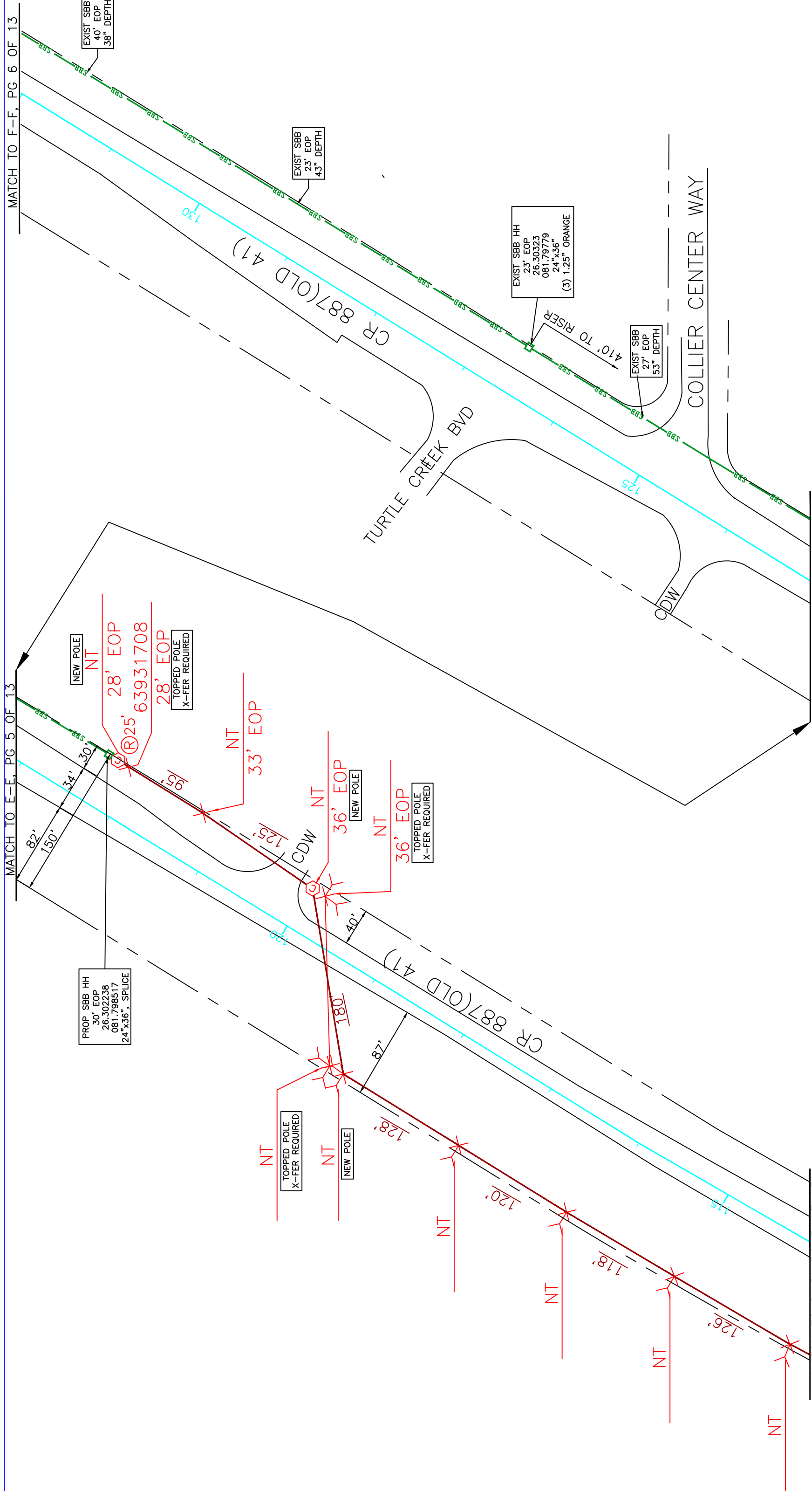
SUMMIT

BROADBAND

24017 PRODUCTION CIRCLE
BONITA SPRINGS, FL 34135

435110-1-22-01
CR887 (OLD 41)
13585 TAMiami TrL
NAPLES, FL 34110

CONDUIT / FIBER PLAN



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
					JOB NO.
					DRAWN BY: DFL



SUMMIT
BROADBAND
24017 PRODUCTION CIRCLE
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435110-1-22-01
CR887 (OLD 41)
13585 TAMAMI TRL
NAPLES, FL 34110

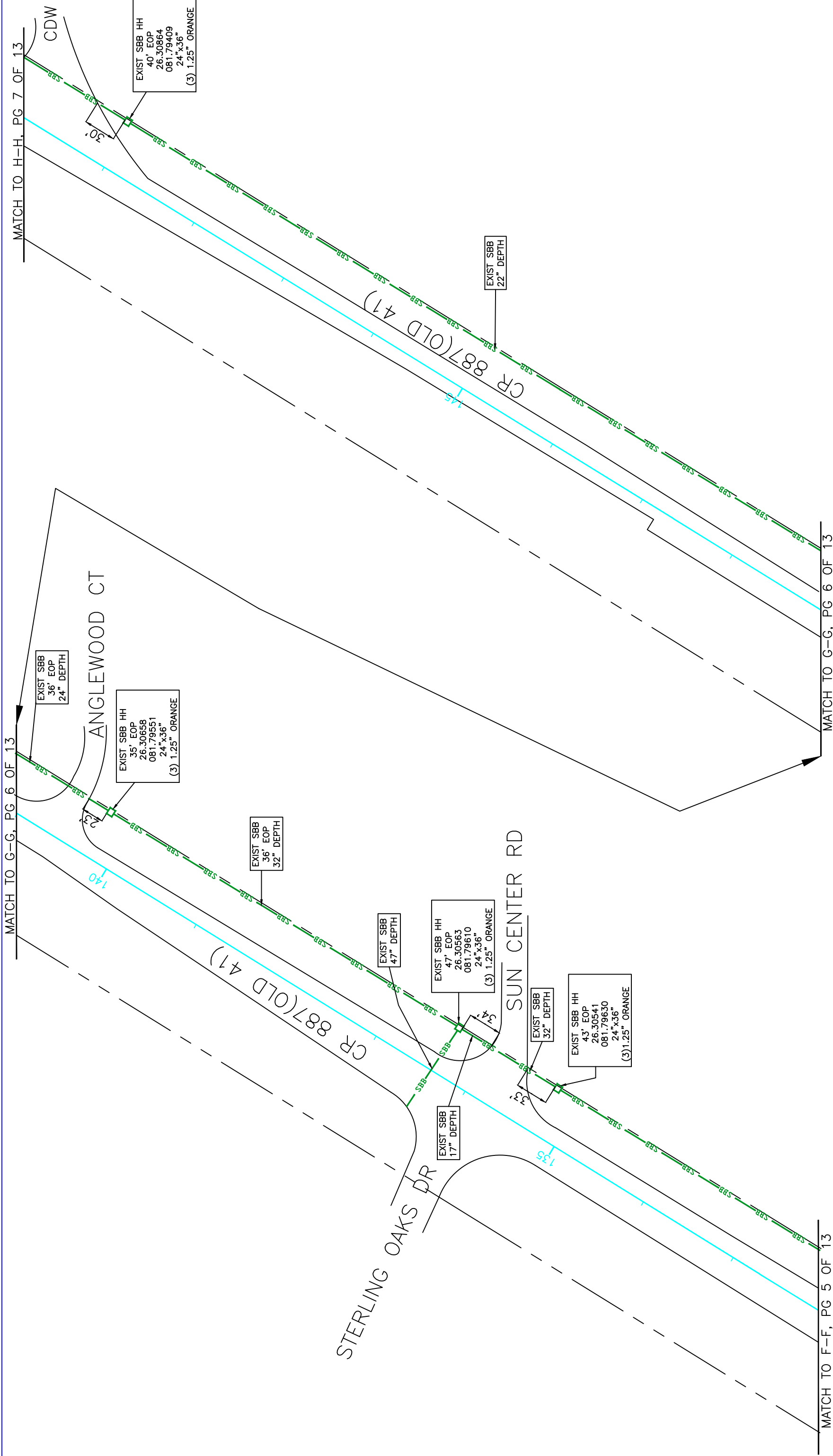
CONDUIT / FIBER PLAN

NO. SHEET

13070

MATCH TO G-G, PG 6 OF 13

MATCH TO H-H, PG 7 OF 13



MATCH TO F-F, PG 5 OF 13

MATCH TO G-G, PG 6 OF 13

REVISIONS				
DATE	BY	DESCRIPTION	DATE	BY



435110-1-22-01
CR887 (OLD 41)
13585 TAMiami TrL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

SHEET
NO.

6 OF 13

MATCH TO I-I, PG 7 OF 13

MATCH TO J-J, PG 8 OF 13

RAIL HEAD BVD

EXIST SBB HH
31' EOP
26.30992
081.79524
24"x36"
(3) 1.25" ORANGE

EXIST SBB
34' EOP
37" DEPTH

EXIST SBB
34' EOP
12" DEPTH

EXIST SBB
27" DEPTH

CR 887(OLD 41)

MATCH TO H-H, PG 6 OF 13

MATCH TO I-I, PG 7 OF 13

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



435110-1-22-01
CR887 (OLD 41)
13585 TAMiami TrL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

SHEET
NO.

7 OF 13

MATCH TO K-K, PG 8 OF 13

MATCH TO L-L, PG 13 OF 13

SBB HAS NO FACILITIES ON THIS PAGE

CR 887(OLD 41)

CR 887(OLD 41)

LEE COUNTY
COLLIER COUNTY

CHANNEL 30 DR

PERFORMANCE WAY

MATCH TO J-J, PG 7 OF 13

MATCH TO K-K, PG 8 OF 13

REVISIONS				
DATE	BY	DESCRIPTION	DATE	BY

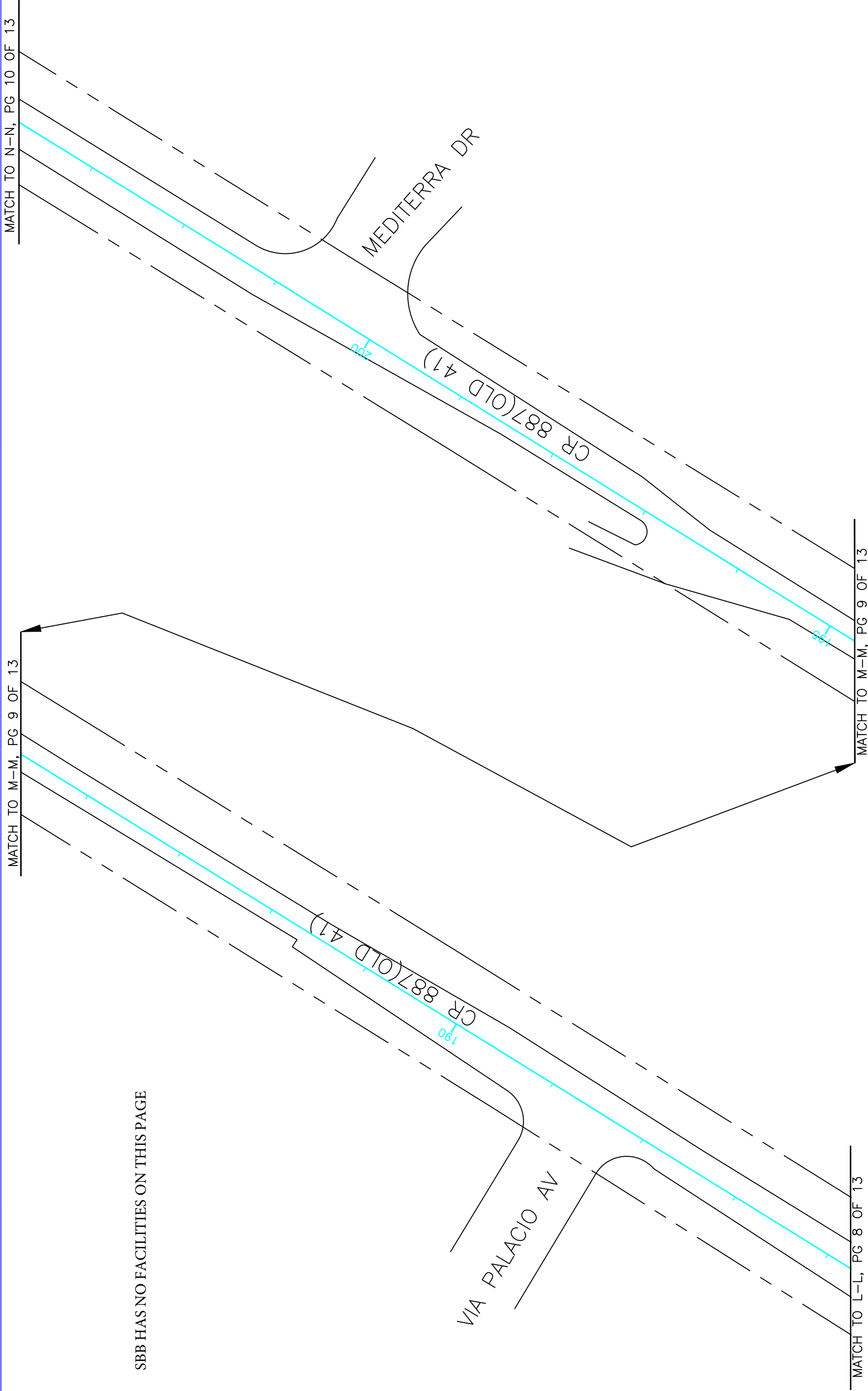


435110-1-22-01
CR887 (OLD 41)
13585 TAMiami TrL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

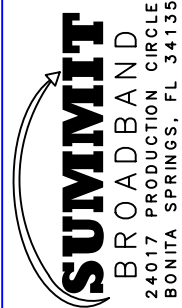
SHEET
NO.

8 OF 13



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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



435110-1-22-01
CR887 (OLD 41)
13585 TAMiami TrL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

MATCH TO P-P, PG 11 OF 13

MATCH TO O-O, PG 10 OF 13

MATCH TO N-N, PG 13 OF 13

MATCH TO O-O, PG 10 OF 13

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CR 887(OLD 41)

CR 887(OLD 41)

CR 887(OLD 41)

238

215

210

205

CDW

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



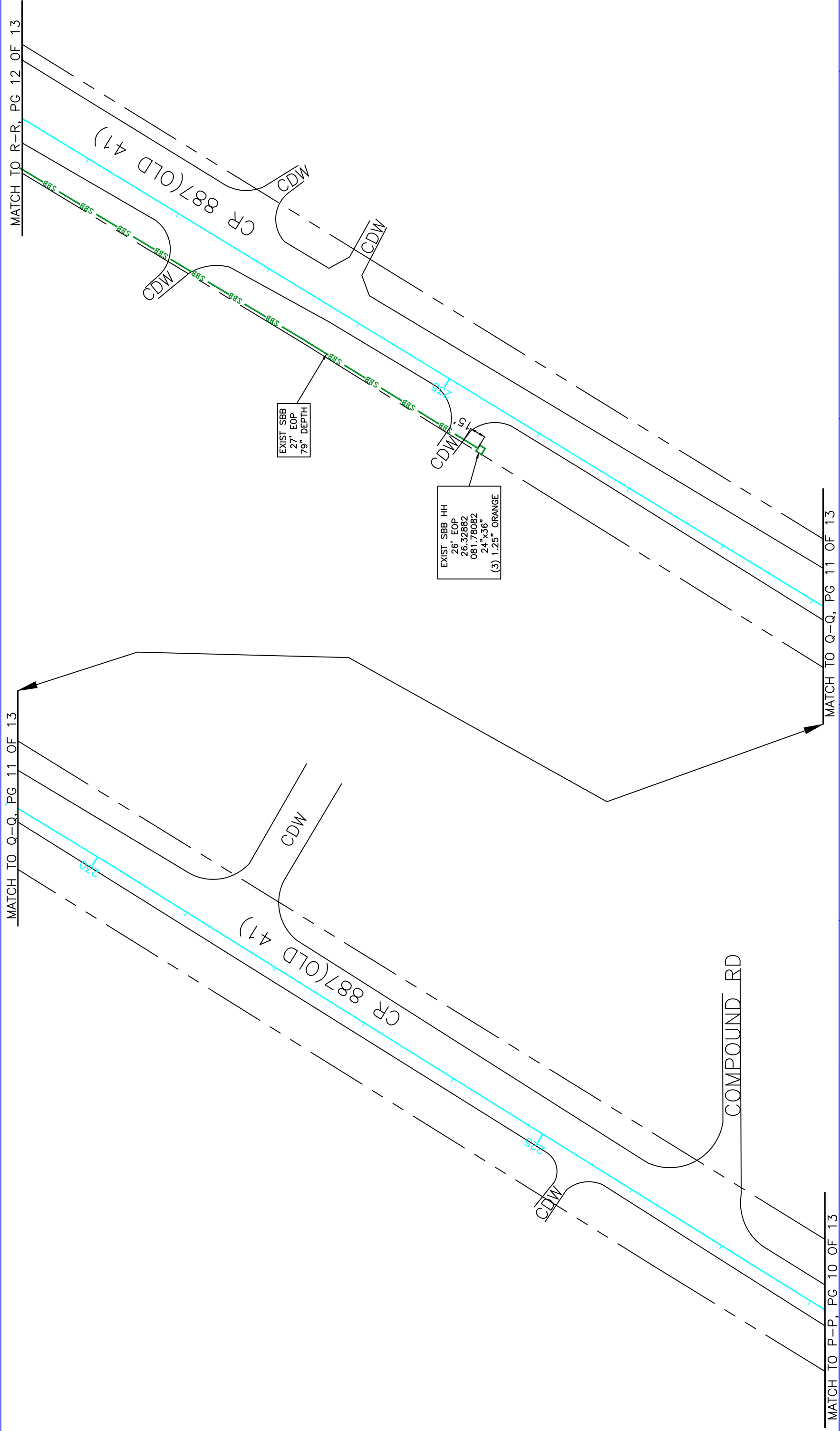
SUMMIT
ROADBAND
24017 PRODUCTION CIRCLE
BONITA SPRINGS, FL 34135

435110-1-22-01
CR887 (OLD 41)
13585 TAMiami TrL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

SHEET
NO.

10 OF 13



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
					JOB NO.
					DRAWN BY: DFL



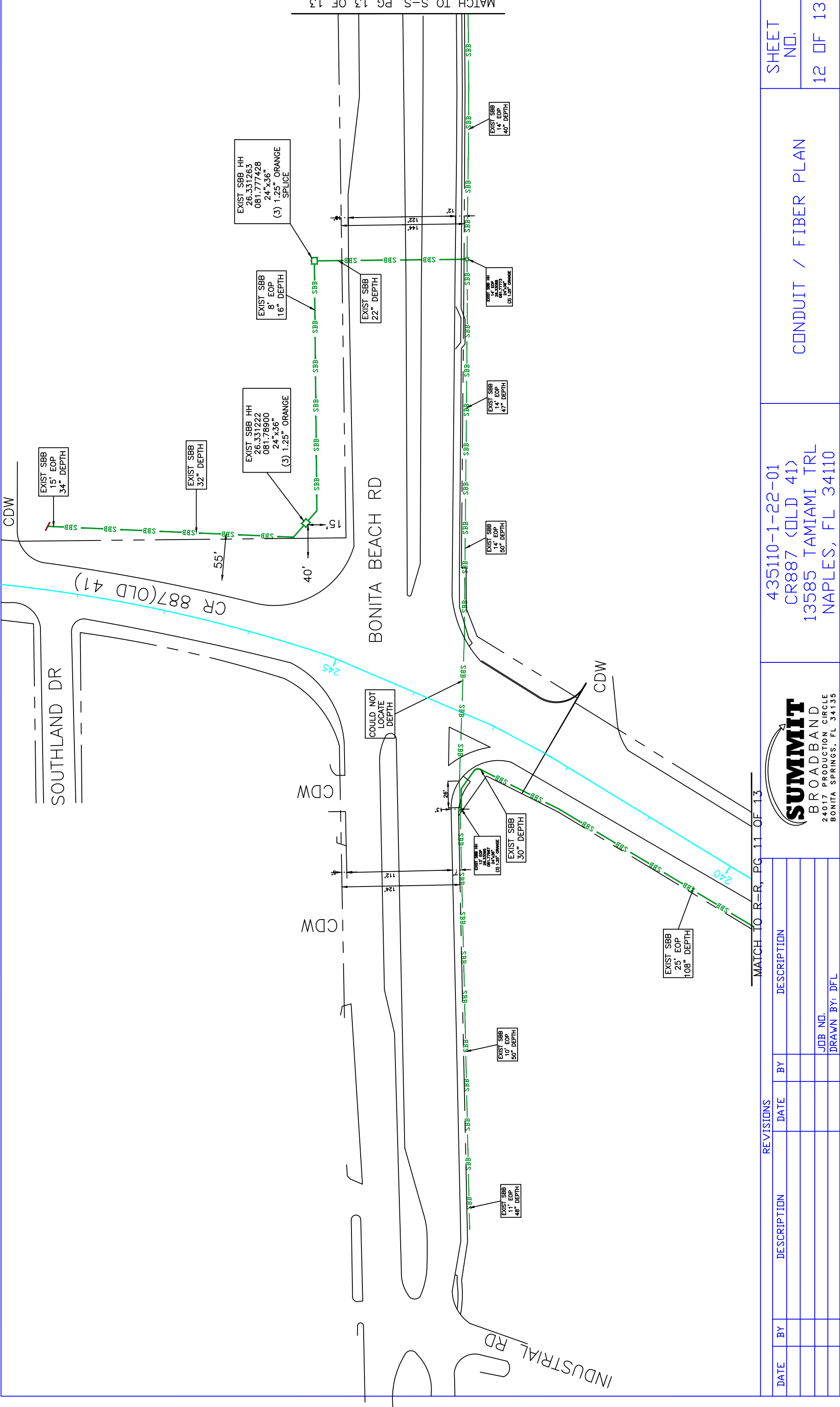
SUMMIT
BROADBAND
24017 PRODUCTION CIRCLE
BONITA SPRINGS, FL 34113

435110-1-22-01
CR887 <OLD 41>
13585 TAMiami TrL
NAPLES, FL 34110

CONDUIT / FIBER PLAN

ON SHEET

11 OF 13



REVISIONS			
DATE	BY	DESCRIPTION	



SUMMIT
BROADBAND
24017 PRODUCTION CIRCLE
BONITA SPRINGS, FL 34135

435110-1-22-01
CR887 (OLD 41)
13585 TAMiami TrL
NAPLES, FL 34110

Tampa Electric Company Peoples Gas

RE: 435110

Baublitz, Anthony F. <AFBaublitz@tecoenergy.com>

Tue 9/29/2020 4:40 PM

To: Matt Dockins <mdockins@rkk.com> 3 attachments (408 KB)

Race Track Rd.JPG; Bonita Beach.JPG; Old 41.JPG;

- The West side of Old US 41 south of Bonita Beach road is a 4" PE gas main.
- The West side of Race Track Rd is a 4" PE gas main
- The south side of Bonita Beach is a 6" PE gas main, 2" PE gas main on West side of Old US 41, West side of Industrial Rd is a 2" PE gas main.

Let me know if that answers all your questions.

Thanks

Anthony F. Baublitz Sr.

Gas Design Project Manager

8261 Vico Ct Sarasota, FL 34240

Office: 941-342-4025

Cell: 443-838-7139

AFBaublitz@tecoenergy.com

**From:** Matt Dockins <mdockins@rkk.com>**Sent:** Tuesday, September 29, 2020 4:33 PM**To:** Baublitz, Anthony F. <AFBaublitz@tecoenergy.com>**Subject:** Re: 435110

Yep, that's it. Thank you.

Matt

MATT DOCKINS, PE

Project Manager



14055 Riveredge Drive, Suite 130

Tampa, FL 33637

813.386.1460 D | 863.682.4081 P

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Expand side panel

1st Edge Pkwy Woods Edge Pkwy

Audubon Country Club

Vanderbilt Dr

41

ID: 4351110-1-22-01
CR 887 (Old US 41) from US 41
to Lee County Line /
Collier County Line
District 1
Naples, FL
Overall Project Limits
1 of 7

NORTH

LEE / COLLIER COUNTY LINE

Gargulo

Meadow Brook
Preserve Apartments

Old 41 Rd

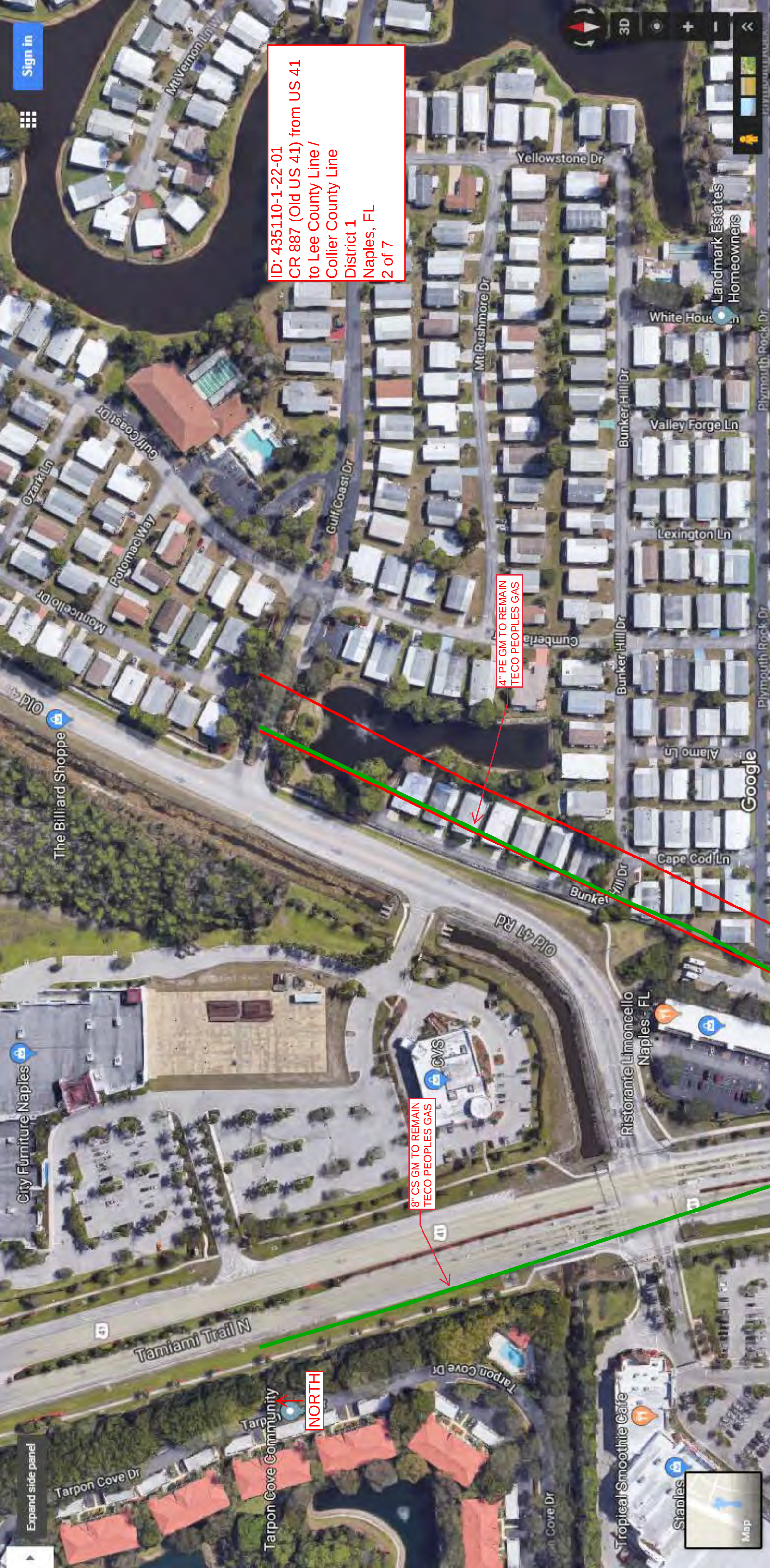
Old 41 Rd

Caribbean Naples

41

Google





ID: 435110-1-22-01
CR 887 (Old US 41) from US 41
to Lee County Line /
Collier County Line
District 1
Naples, FL
2 of 7

4" PE GM TO REMAIN
TECO PEOPLES GAS

8" CS GM TO REMAIN
TECO PEOPLES GAS

NORTH

Expand side panel

City Furniture Naples

Tarpon Cove Dr

Tarpon Cove Community

Tamiami Trail N

The Billiard Shoppe

Map

Stables

Tropical Smoothie Cafe

Ristorante Limoncello Naples - FL

Bunker Hill Dr

Alamo Ln

Cape Cod Ln

Valley Forge Ln

Lexington Ln

Yellowstone Dr

Mt Rushmore Dr

Mt Vernon Ln

Landmark Estates Homeowners

White House

Plymouth Rock Dr

Stables

Tropical Smoothie Cafe

Ristorante Limoncello Naples - FL

Bunker Hill Dr

Alamo Ln

Cape Cod Ln

Valley Forge Ln

Lexington Ln

Yellowstone Dr

Mt Rushmore Dr

Mt Vernon Ln

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Landmark Estates Homeowners

White House

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Yellowstone Dr

Mt Rushmore Dr

Mt Vernon Ln

Landmark Estates Homeowners

White House

Plymouth Rock Dr

Stables

Tropical Smoothie Cafe

Ristorante Limoncello Naples - FL

Bunker Hill Dr

Alamo Ln

Cape Cod Ln

Valley Forge Ln

Lexington Ln

Yellowstone Dr

Mt Rushmore Dr

Mt Vernon Ln

Landmark Estates Homeowners

White House

Plymouth Rock Dr

Stables

Tropical Smoothie Cafe

Ristorante Limoncello Naples - FL

Bunker Hill Dr

Alamo Ln

Cape Cod Ln

Valley Forge Ln

Lexington Ln

Yellowstone Dr

Mt Rushmore Dr

Mt Vernon Ln

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Lexington Ln

Yellowstone Dr

Mt Rushmore Dr

Mt Vernon Ln

Landmark Estates Homeowners

White House

Plymouth Rock Dr

Stables

Tropical Smoothie Cafe



ID: 4351110-1-22-01
CR 887 (Old US 41) from US 41
to Lee County Line /
Collier County Line
District 1
Naples, FL
3 of 7

NORTH

2" PE VALVE TO REMAIN
TECO PEOPLES GAS

2" PE GM TO REMAIN
TECO PEOPLES GAS

4" PE GM TO REMAIN
TECO PEOPLES GAS

1-1/4" PE S/L TO REMAIN
TECO PEOPLES GAS

Sign in



Spectrum Signworks

Best Moving and Storage

group president
electronics usa

Collier Center Way

Towne Properties
Naples

Kakes by Karen

Gulf Coast Dr

Columbus Cir

Niagara Ln

Google

Ashley HomeStore

Map



3D





NO TECO GAS FACILITIES

ID: 435110-1-22-01
CR 887 (Old US 41) from US 41
to Lee County Line /
Collier County Line
District 1
Naples, FL
4 of 7

NORTH

Map

Google
Map

Sign in



Sign in



Hole In One Golf Carts

Railhead Recycling
At Old 41

PLC Closets

Moog Components

Big Al's Welding

EHC

Flowers
by Ruby

Crown Taxi

Gargiulo

Google

Map

NO TECO GAS FACILITIES

ID: 4351110-1-22-01
CR 887 (Old US 41) from US 41
to Lee County Line /
Collier County Line
District 1
Naples, FL
5 of 7

NORTH



NO TECO GAS FACILITIES

ID: 4351110-1-22-01
CR 887 (Old US 41) from US 41
to Lee County Line /
Collier County Line
District 1
Naples, FL
6 of 7

NORTH



ID: 435110-1-22-01
CR 887 (Old US 41) from US 41
to Lee County Line /
Collier County Line
District 1
Naples, FL
7 of 7

NO TECO GAS FACILITIES

LEE / COLLIER COUNTY LINE

NORTH

Sign in

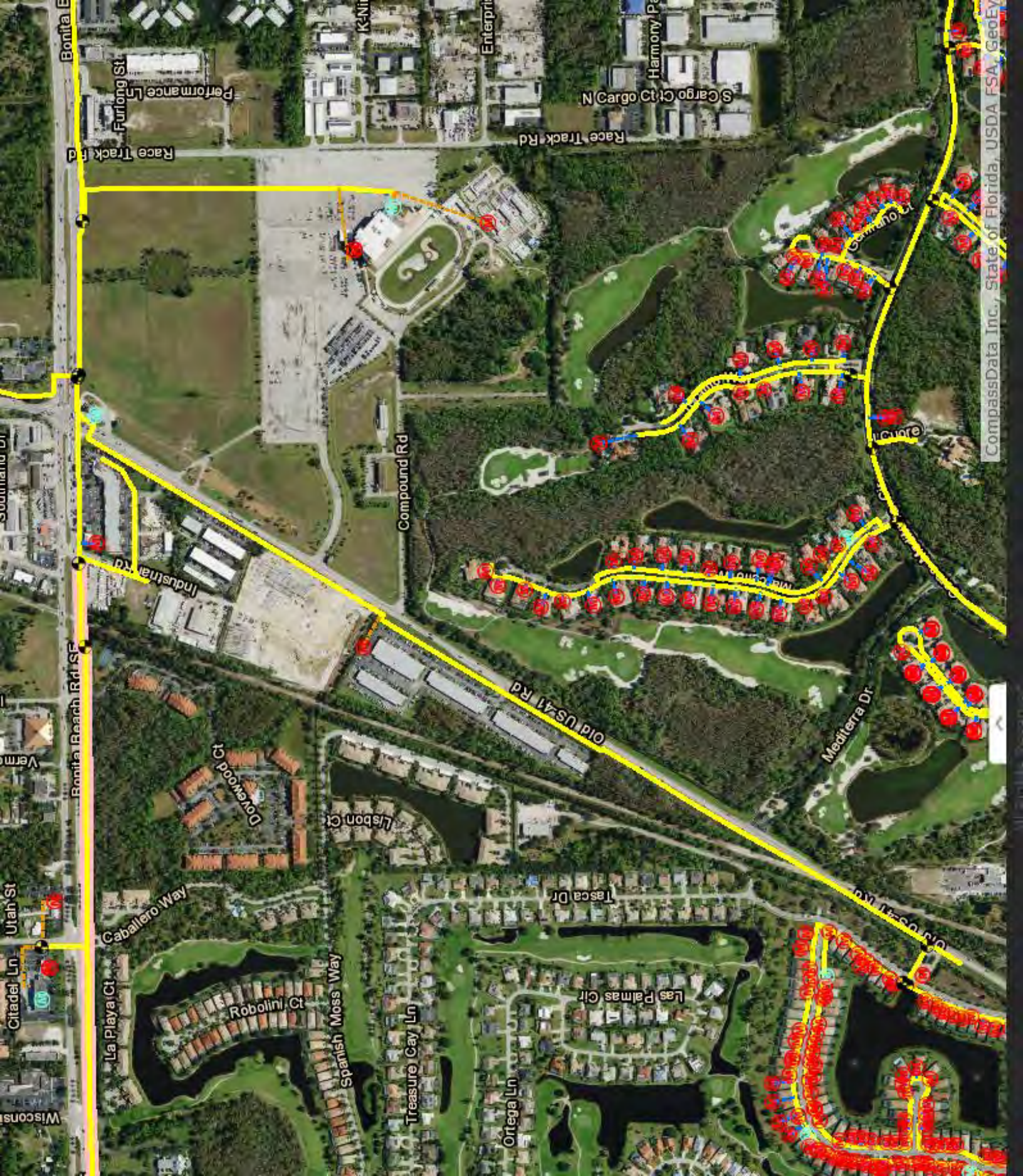
Bonita Beach Rd SE

Furlong St

Performance Ln

Race Track Rd

 Naples/Fort Myers
Greyhound Track



APPENDIX C

COLLIER COUNTY PROPOSED COST ESTIMATE

Proposed Road Alternate 1

Section 1 - General:					
Item	Description	QTY	Unit	Unit Cost	Extended Cost
1-1	Mobilization / Demobilization	1	LS	\$ 105,000.00	\$ 105,000.00
1-2	Survey Layout and Asbuilts	1	LS	\$ 32,000.00	\$ 32,000.00
1-3	Maintence of Vehicular and Pedestrian Traffic	1	LS	\$ 50,000.00	\$ 50,000.00
Section 1 Subtotal:					\$ 187,000.00

Section 2 - Wastewater System:						
Item	Description	QTY	Unit	Unit Cost	Extended Cost	KMZ File Identifier
2-1	Abandon and Remove Ex. 4" PVC Force Main	330	LF	\$ 18.00	\$ 5,940.00	1
2-2	Furnish and Install 4" PVC C900 DR14 Force Main	330	LF	\$ 80.00	\$ 26,400.00	
2-3	Abandon and Remove Ex. 4" PVC Force Main	130	LF	\$ 18.00	\$ 2,340.00	2
2-4	Furnish and Install 4" PVC C900 DR14 Force Main	130	LF	\$ 80.00	\$ 10,400.00	
2-5	Abandon and Remove Ex. 4" PVC Force Main	40	LF	\$ 18.00	\$ 720.00	3
2-6	Furnish and Install 4" PVC C900 DR14 Force Main	40	LF	\$ 80.00	\$ 3,200.00	
2-7	Abandon and Remove Ex. 10" PVC Force Main	360	LF	\$ 20.00	\$ 7,200.00	4
2-8	Furnish and Install 10" PVC C900 DR18/DR14 Force Main	360	LF	\$ 130.00	\$ 46,800.00	
2-9	Abandon and Remove Ex. 12" PVC Force Main	170	LF	\$ 22.00	\$ 3,740.00	5
2-10	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	170	LF	\$ 135.00	\$ 22,950.00	
2-11	Abandon and Remove Ex. 6" PVC Force Main	25	LF	\$ 18.00	\$ 450.00	6
2-12	Furnish and Install 6" PVC C900 DR14 Force Main	25	LF	\$ 100.00	\$ 2,500.00	
2-13	Abandon and Remove Ex. 6" PVC Force Main	90	LF	\$ 18.00	\$ 1,620.00	7
2-14	Furnish and Install 6" PVC C900 DR14 Force Main	90	LF	\$ 100.00	\$ 9,000.00	
2-15	Abandon and Remove Ex. 6" PVC Force Main	25	LF	\$ 18.00	\$ 450.00	8
2-16	Furnish and Install 6" PVC C900 DR14 Force Main	25	LF	\$ 100.00	\$ 2,500.00	
2-17	Abandon and Remove Ex. 12" PVC Force Main	25	LF	\$ 22.00	\$ 550.00	9
2-18	Furnish and Install 12" PVC C900 DR14 Force Main	25	LF	\$ 135.00	\$ 3,375.00	
2-19	Abandon and Remove Ex. 12" PVC Force Main	450	LF	\$ 22.00	\$ 9,900.00	10
2-20	Furnish and Install 12" PVC C900 DR14 Force Main	450	LF	\$ 135.00	\$ 60,750.00	
2-21	Abandon and Remove Ex. 12" PVC Force Main	830	LF	\$ 22.00	\$ 18,260.00	11
2-22	Furnish and Install 12" PVC C900 DR14 Force Main	830	LF	\$ 135.00	\$ 112,050.00	
2-23	Abandon and Remove Ex. 12" PVC Force Main	415	LF	\$ 22.00	\$ 9,130.00	12
2-24	Furnish and Install 12" PVC C900 DR14 Force Main	415	LF	\$ 135.00	\$ 56,025.00	
2-25	Abandon and Remove Ex. 6" PVC Force Main	75	LF	\$ 18.00	\$ 1,350.00	13
2-26	Furnish and Install 6" PVC C900 DR14 Force Main	75	LF	\$ 100.00	\$ 7,500.00	
2-27	Abandon and Remove Ex. 12" PVC Force Main	530	LF	\$ 22.00	\$ 11,660.00	14
2-28	Furnish and Install 12" PVC C900 DR14 Force Main	530	LF	\$ 135.00	\$ 71,550.00	
2-29	Abandon and Remove Ex. 12" PVC Force Main	425	LF	\$ 22.00	\$ 9,350.00	15
2-30	Furnish and Install 12" PVC C900 DR14 Force Main	425	LF	\$ 135.00	\$ 57,375.00	
2-31	Abandon and Remove Ex. 4" PVC Force Main	15	LF	\$ 18.00	\$ 270.00	16
2-32	Furnish and Install 4" PVC C900 DR14 Force Main	15	LF	\$ 80.00	\$ 1,200.00	
2-33	Abandon and Remove Ex. 4" PVC Force Main	10	LF	\$ 18.00	\$ 180.00	17
2-34	Furnish and Install 4" PVC C900 DR14 Force Main	10	LF	\$ 80.00	\$ 800.00	
2-35	Abandon and Remove Ex. 4" PVC Force Main	55	LF	\$ 18.00	\$ 990.00	18
2-36	Furnish and Install 4" PVC C900 DR14 Force Main	55	LF	\$ 80.00	\$ 4,400.00	
2-37	Abandon and Remove Ex. 4" PVC Force Main	95	LF	\$ 18.00	\$ 1,710.00	19
2-38	Furnish and Install 4" PVC C900 DR14 Force Main	95	LF	\$ 80.00	\$ 7,600.00	
2-39	Abandon and Remove Ex. 4" PVC Force Main	10	LF	\$ 18.00	\$ 180.00	20
2-40	Furnish and Install 4" PVC C900 DR14 Force Main	10	LF	\$ 80.00	\$ 800.00	
2-41	Abandon and Remove Ex. 4" PVC Force Main	10	LF	\$ 18.00	\$ 180.00	21
2-42	Furnish and Install 4" PVC C900 DR14 Force Main	10	LF	\$ 80.00	\$ 800.00	
2-43	Abandon and Remove Ex. 4" PVC Force Main	120	LF	\$ 18.00	\$ 2,160.00	22
2-44	Furnish and Install 4" PVC C900 DR14 Force Main	120	LF	\$ 80.00	\$ 9,600.00	
2-45	Abandon and Remove Ex. 4" PVC Force Main	275	LF	\$ 18.00	\$ 4,950.00	23
2-46	Furnish and Install 4" PVC C900 DR14 Force Main	275	LF	\$ 80.00	\$ 22,000.00	
2-47	Abandon and Remove Ex. 4" PVC Force Main	63	LF	\$ 18.00	\$ 1,134.00	24
2-48	Furnish and Install 4" PVC C900 DR14 Force Main	63	LF	\$ 80.00	\$ 5,040.00	
2-49	Abandon and Remove Ex. 12" PVC Force Main	10	LF	\$ 22.00	\$ 220.00	25
2-50	Furnish and Install 12" PVC C900 DR14 Force Main	10	LF	\$ 135.00	\$ 1,350.00	
2-51	Abandon and Remove Ex. 4" PVC Force Main	35	LF	\$ 18.00	\$ 630.00	26
2-52	Furnish and Install 4" PVC C900 DR14 Force Main	35	LF	\$ 80.00	\$ 2,800.00	
2-53	Abandon and Remove Ex. 4" PVC Force Main	20	LF	\$ 18.00	\$ 360.00	27
2-54	Furnish and Install 4" PVC C900 DR14 Force Main	20	LF	\$ 80.00	\$ 1,600.00	
2-55	Abandon and Remove Ex. 4" PVC Force Main	180	LF	\$ 18.00	\$ 3,240.00	28
2-56	Furnish and Install 4" PVC C900 DR14 Force Main	180	LF	\$ 80.00	\$ 14,400.00	
Section 2 Subtotal:					\$ 663,629.00	

Section 3 - Water System:						
Item	Description	QTY	Unit	Unit Cost	Extended Cost	KMZ File Identifier
3-1	Abandon and Remove Ex. 16" DIP Water Main	130	LF	\$ 25.00	\$ 3,250.00	1
3-2	Furnish and Install 16" PVC C900 DR14 Water Main	130	LF	\$ 150.00	\$ 19,500.00	
3-3	Abandon and Remove Ex. 8" PVC Water Main	20	LF	\$ 20.00	\$ 400.00	2
3-4	Furnish and Install 8" PVC C900 DR14 Water Main	20	LF	\$ 125.00	\$ 2,500.00	
3-5	Abandon and Remove Ex. 16" DIP Water Main	13	LF	\$ 25.00	\$ 325.00	3
3-6	Furnish and Install 16" PVC C900 DR14 Water Main	13	LF	\$ 150.00	\$ 1,950.00	
3-7	Abandon and Remove Ex. 16" DIP Water Main	25	LF	\$ 25.00	\$ 625.00	4
3-8	Furnish and Install 16" PVC C900 DR14 Water Main	25	LF	\$ 150.00	\$ 3,750.00	
3-9	Abandon and Remove Ex. 16" DIP Water Main	450	LF	\$ 25.00	\$ 11,250.00	5
3-10	Furnish and Install 16" PVC C900 DR14 Water Main	450	LF	\$ 150.00	\$ 67,500.00	
3-11	Abandon and Remove Ex. 16" DIP Water Main	640	LF	\$ 25.00	\$ 16,000.00	6
3-12	Furnish and Install 16" PVC C900 DR14 Water Main	640	LF	\$ 150.00	\$ 96,000.00	
3-13	Abandon and Remove Ex. 16" DIP Water Main	60	LF	\$ 25.00	\$ 1,500.00	7
3-14	Furnish and Install 16" PVC C900 DR14 Water Main	60	LF	\$ 150.00	\$ 9,000.00	
3-15	Abandon and Remove Ex. 16" DIP Water Main	75	LF	\$ 25.00	\$ 1,875.00	8
3-16	Furnish and Install 16" PVC C900 DR14 Water Main	75	LF	\$ 150.00	\$ 11,250.00	
3-17	Abandon and Remove Ex. 16" DIP Water Main	85	LF	\$ 25.00	\$ 2,125.00	9
3-18	Furnish and Install 16" PVC C900 DR14 Water Main	85	LF	\$ 150.00	\$ 12,750.00	
3-19	Abandon and Remove Ex. 10" PVC Water Main	18	LF	\$ 20.00	\$ 360.00	10
3-20	Furnish and Install 10" PVC C900 DR14 Water Main	18	LF	\$ 130.00	\$ 2,340.00	
3-21	Abandon and Remove Ex. 16" DIP Water Main	70	LF	\$ 25.00	\$ 1,750.00	11
3-22	Furnish and Install 16" PVC C900 DR14 Water Main	70	LF	\$ 150.00	\$ 10,500.00	
3-23	Abandon and Remove Ex. 16" DIP Water Main	200	LF	\$ 25.00	\$ 5,000.00	12
3-24	Furnish and Install 16" PVC C900 DR14 Water Main	200	LF	\$ 150.00	\$ 30,000.00	
3-25	Abandon and Remove Ex. 16" PVC Water Main	18	LF	\$ 25.00	\$ 450.00	13
3-26	Furnish and Install 16" PVC C900 DR14 Water Main	18	LF	\$ 150.00	\$ 2,700.00	
3-27	Abandon and Remove Ex. Fire Hydrant	9	EA	\$ 1,500.00	\$ 13,500.00	n/a
3-28	Furnish and Install Fire Hydrant Assembly	9	EA	\$ 6,500.00	\$ 58,500.00	
Section 3 Subtotal:					\$ 386,650.00	

*There is ex. water main that will be under proposed sidewalk pavement. This was not included in this review.

Alternate 1 Summary	
Section 1 - General:	\$ 187,000.00
Section 2 - Wastewater System:	\$ 663,629.00
Section 3 - Water System:	\$ 386,650.00
n/a	n/a
20% Contingency	\$ 247,455.80
Total:	\$ 1,484,734.80

Proposed Road Alternate 2

Section 1 - General:					
Item	Description	QTY	Unit	Unit Cost	Extended Cost
1-1	Mobilization / Demobilization	1	LS	\$ 108,000.00	\$ 108,000.00
1-2	Survey Layout and Asbuilts	1	LS	\$ 33,000.00	\$ 33,000.00
1-3	Maintence of Vehicular and Pedestrian Traffic	1	LS	\$ 50,000.00	\$ 50,000.00
Section 1 Subtotal:					\$ 191,000.00

Section 2 - Wastewater System:						
Item	Description	QTY	Unit	Unit Cost	Extended Cost	KMZ File Identifier
2-1	Abandon and Remove Ex. 12" PVC Force Main	160	LF	\$ 22.00	\$ 3,520.00	1
2-2	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	160	LF	\$ 135.00	\$ 21,600.00	
2-3	Abandon and Remove Ex. 6" PVC Force Main	25	LF	\$ 18.00	\$ 450.00	2
2-4	Furnish and Install 6" PVC C900 DR14 Force Main	25	LF	\$ 100.00	\$ 2,500.00	
2-5	Abandon and Remove Ex. 6" PVC Force Main	90	LF	\$ 18.00	\$ 1,620.00	3
2-6	Furnish and Install 6" PVC C900 DR14 Force Main	90	LF	\$ 100.00	\$ 9,000.00	
2-7	Abandon and Remove Ex. 6" PVC Force Main	25	LF	\$ 18.00	\$ 450.00	4
2-8	Furnish and Install 6" PVC C900 DR14 Force Main	25	LF	\$ 100.00	\$ 2,500.00	
2-9	Abandon and Remove Ex. 12" PVC Force Main	25	LF	\$ 22.00	\$ 550.00	5
2-10	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	25	LF	\$ 135.00	\$ 3,375.00	
2-11	Abandon and Remove Ex. 12" PVC Force Main	450	LF	\$ 22.00	\$ 9,900.00	6
2-12	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	450	LF	\$ 135.00	\$ 60,750.00	
2-13	Abandon and Remove Ex. 12" PVC Force Main	830	LF	\$ 22.00	\$ 18,260.00	7
2-14	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	830	LF	\$ 135.00	\$ 112,050.00	
2-15	Abandon and Remove Ex. 3" PVC Force Main	12	LF	\$ 18.00	\$ 216.00	8
2-16	Furnish and Install 3" PVC C900 DR14 Force Main	12	LF	\$ 80.00	\$ 960.00	
2-17	Abandon and Remove Ex. 12" PVC Force Main	415	LF	\$ 22.00	\$ 9,130.00	9
2-18	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	415	LF	\$ 135.00	\$ 56,025.00	
2-19	Abandon and Remove Ex. 12" PVC Force Main	440	LF	\$ 22.00	\$ 9,680.00	10
2-20	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	440	LF	\$ 135.00	\$ 59,400.00	
2-21	Abandon and Remove Ex. 12" PVC Force Main	420	LF	\$ 22.00	\$ 9,240.00	11
2-22	Furnish and Install 12" PVC C900 DR18/DR14 Force Main	420	LF	\$ 135.00	\$ 56,700.00	
2-23	Abandon and Remove Ex. 4" PVC Force Main	15	LF	\$ 18.00	\$ 270.00	12
2-24	Furnish and Install 4" PVC C900 DR14 Force Main	15	LF	\$ 80.00	\$ 1,200.00	
2-25	Abandon and Remove Ex. 4" PVC Force Main	10	LF	\$ 18.00	\$ 180.00	13
2-26	Furnish and Install 4" PVC C900 DR14 Force Main	10	LF	\$ 80.00	\$ 800.00	
2-27	Abandon and Remove Ex. 4" PVC Force Main	55	LF	\$ 18.00	\$ 990.00	14
2-28	Furnish and Install 4" PVC C900 DR14 Force Main	55	LF	\$ 80.00	\$ 4,400.00	
2-29	Abandon and Remove Ex. 4" PVC Force Main	110	LF	\$ 18.00	\$ 1,980.00	15
2-30	Furnish and Install 4" PVC C900 DR14 Force Main	110	LF	\$ 80.00	\$ 8,800.00	
2-31	Abandon and Remove Ex. 4" PVC Force Main	12	LF	\$ 18.00	\$ 216.00	16
2-32	Furnish and Install 4" PVC C900 DR14 Force Main	12	LF	\$ 80.00	\$ 960.00	
2-33	Abandon and Remove Ex. 4" PVC Force Main	10	LF	\$ 18.00	\$ 180.00	17
2-34	Furnish and Install 4" PVC C900 DR14 Force Main	10	LF	\$ 80.00	\$ 800.00	
2-35	Abandon and Remove Ex. 4" PVC Force Main	115	LF	\$ 18.00	\$ 2,070.00	18
2-36	Furnish and Install 4" PVC C900 DR14 Force Main	115	LF	\$ 80.00	\$ 9,200.00	
2-37	Abandon and Remove Ex. 4" PVC Force Main	230	LF	\$ 18.00	\$ 4,140.00	19
2-38	Furnish and Install 4" PVC C900 DR14 Force Main	230	LF	\$ 80.00	\$ 18,400.00	
2-39	Abandon and Remove Ex. 4" PVC Force Main	35	LF	\$ 18.00	\$ 630.00	20
2-40	Furnish and Install 4" PVC C900 DR14 Force Main	35	LF	\$ 80.00	\$ 2,800.00	
2-41	Abandon and Remove Ex. 4" PVC Force Main	60	LF	\$ 18.00	\$ 1,080.00	21
2-42	Furnish and Install 4" PVC C900 DR14 Force Main	60	LF	\$ 80.00	\$ 4,800.00	
2-43	Abandon and Remove Ex. 4" PVC Force Main	790	LF	\$ 18.00	\$ 14,220.00	22
2-44	Furnish and Install 4" PVC C900 DR14 Force Main	790	LF	\$ 80.00	\$ 63,200.00	
2-45	Abandon and Remove Ex. 4" PVC Force Main	40	LF	\$ 18.00	\$ 720.00	23
2-46	Furnish and Install 4" PVC C900 DR14 Force Main	40	LF	\$ 80.00	\$ 3,200.00	
2-47	Abandon and Remove Ex. 4" PVC Force Main	20	LF	\$ 18.00	\$ 360.00	24
2-48	Furnish and Install 4" PVC C900 DR14 Force Main	20	LF	\$ 80.00	\$ 1,600.00	
Section 2 Subtotal:					\$ 595,072.00	

Section 3 - Water System:						
Item	Description	QTY	Unit	Unit Cost	Extended Cost	KMZ File Identifier
3-1	Abandon and Remove Ex. 16" DIP Water Main	130	LF	\$ 25.00	\$ 3,250.00	1
3-2	Furnish and Install 16" PVC C900 DR14 Water Main	130	LF	\$ 150.00	\$ 19,500.00	
3-3	Abandon and Remove Ex. 8" PVC Water Main	20	LF	\$ 20.00	\$ 400.00	2
3-4	Furnish and Install 8" PVC C900 DR14 Water Main	20	LF	\$ 125.00	\$ 2,500.00	
3-5	Abandon and Remove Ex. 16" DIP Water Main	15	LF	\$ 25.00	\$ 375.00	3
3-6	Furnish and Install 16" PVC C900 DR14 Water Main	15	LF	\$ 150.00	\$ 2,250.00	
3-7	Abandon and Remove Ex. 16" DIP Water Main	25	LF	\$ 25.00	\$ 625.00	4
3-8	Furnish and Install 16" PVC C900 DR14 Water Main	25	LF	\$ 150.00	\$ 3,750.00	
3-9	Abandon and Remove Ex. 16" DIP Water Main	450	LF	\$ 25.00	\$ 11,250.00	5
3-10	Furnish and Install 16" PVC C900 DR14 Water Main	450	LF	\$ 150.00	\$ 67,500.00	
3-11	Abandon and Remove Ex. 8" PVC Water Main	45	LF	\$ 20.00	\$ 900.00	6
3-12	Furnish and Install 8" PVC C900 DR14 Water Main	45	LF	\$ 125.00	\$ 5,625.00	
3-13	Abandon and Remove Ex. 16" DIP Water Main	650	LF	\$ 25.00	\$ 16,250.00	7
3-14	Furnish and Install 16" PVC C900 DR14 Water Main	650	LF	\$ 150.00	\$ 97,500.00	
3-15	Abandon and Remove Ex. 8" PVC Water Main	20	LF	\$ 20.00	\$ 400.00	8
3-16	Furnish and Install 8" PVC C900 DR14 Water Main	20	LF	\$ 125.00	\$ 2,500.00	
3-17	Abandon and Remove Ex. 16" DIP Water Main	70	LF	\$ 25.00	\$ 1,750.00	9
3-18	Furnish and Install 16" PVC C900 DR14 Water Main	70	LF	\$ 150.00	\$ 10,500.00	
3-19	Abandon and Remove Ex. 16" DIP Water Main	85	LF	\$ 25.00	\$ 2,125.00	10
3-20	Furnish and Install 16" PVC C900 DR14 Water Main	85	LF	\$ 150.00	\$ 12,750.00	
3-21	Abandon and Remove Ex. 8" PVC Water Main	10	LF	\$ 20.00	\$ 200.00	11
3-22	Furnish and Install 8" PVC C900 DR14 Water Main	10	LF	\$ 125.00	\$ 1,250.00	
3-23	Abandon and Remove Ex. 10" PVC Water Main	20	LF	\$ 20.00	\$ 400.00	12
3-24	Furnish and Install 10" PVC C900 DR14 Water Main	20	LF	\$ 130.00	\$ 2,600.00	
3-25	Abandon and Remove Ex. 8" PVC Water Main	20	LF	\$ 20.00	\$ 400.00	13
3-26	Furnish and Install 8" PVC C900 DR14 Water Main	20	LF	\$ 125.00	\$ 2,500.00	
3-27	Abandon and Remove Ex. 16" DIP Water Main	150	LF	\$ 25.00	\$ 3,750.00	14
3-28	Furnish and Install 16" PVC C900 DR14 Water Main	150	LF	\$ 150.00	\$ 22,500.00	
3-29	Abandon and Remove Ex. 4" PVC Water Main	40	LF	\$ 18.00	\$ 720.00	15
3-30	Furnish and Install 4" PVC C900 DR14 Water Main	40	LF	\$ 80.00	\$ 3,200.00	
3-31	Abandon and Remove Ex. 8" PVC Water Main	70	LF	\$ 20.00	\$ 1,400.00	16
3-32	Furnish and Install 8" PVC C900 DR14 Water Main	70	LF	\$ 125.00	\$ 8,750.00	
3-33	Abandon and Remove Ex. 16" PVC Water Main	280	LF	\$ 25.00	\$ 7,000.00	17
3-34	Furnish and Install 16" PVC C900 DR14 Water Main	280	LF	\$ 150.00	\$ 42,000.00	
3-35	Abandon and Remove Ex. 6" PVC Water Main	10	LF	\$ 18.00	\$ 180.00	18
3-36	Furnish and Install 6" PVC C900 DR14 Water Main	10	LF	\$ 100.00	\$ 1,000.00	
3-37	Abandon and Remove Ex. Fire Hydrant	11	EA	\$ 1,500.00	\$ 16,500.00	n/a
3-38	Furnish and Install Fire Hydrant Assembly	11	EA	\$ 6,500.00	\$ 71,500.00	
Section 3 Subtotal:					\$ 447,550.00	

*There is ex. water main that will be under proposed sidewalk pavement. This was not included in this review.

Section 4 - Irrigation Quality Water System:						
Item	Description	QTY	Unit	Unit Cost	Extended Cost	KMZ File Identifier
4-1	Abandon and Remove Ex. 16" PVC IQ Main	15	LF	\$ 25.00	\$ 375.00	1
4-2	Furnish and Install 16" PVC C900 DR14 IQMain	15	LF	\$ 150.00	\$ 2,250.00	
4-1	Abandon and Remove Ex. 16" PVC IQ Main	120	LF	\$ 25.00	\$ 3,000.00	2
4-2	Furnish and Install 16" PVC C900 DR14 IQMain	120	LF	\$ 150.00	\$ 18,000.00	
4-1	Abandon and Remove Ex. 16" PVC IQ Main	100	LF	\$ 25.00	\$ 2,500.00	3
4-2	Furnish and Install 16" PVC C900 DR14 IQMain	100	LF	\$ 150.00	\$ 15,000.00	
Section 4 Subtotal:					\$ 41,125.00	

Alternate 2 Summary	
Section 1 - General:	\$ 191,000.00
Section 2 - Wastewater System:	\$ 595,072.00
Section 3 - Water System:	\$ 447,550.00
Section 4 - Irrigation Quality Water System:	\$ 41,125.00
20% Contingency	\$ 254,949.40
Total:	\$ 1,529,696.40