



SR 514 (Malabar Road) PD&E Study

Utility Assessment Report

FDOT D-5

Environmental Management Office

Author

Omni Communications

Date of Publication

March 2014

Utility Assessment Report

Malabar Road (SR 514) PD&E Study
From East of Babcock Street (SR 507) to US 1
Brevard County, Florida

FPID: 430136-1-22-01

ETDM: 13026

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 (MOU) dated December 14, 2016 and executed by the Federal Highway Administration and FDOT.

March 2014

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1.0 INTRODUCTION

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environmental (PD&E) Study to evaluate the potential improvements of a 3.6-mile segment of SR 514 (Malabar Road) from east of SR 507 (Babcock Street) to US 1 in Brevard County, Florida. A map of the project study area is provided as Figure 1-1.



Figure 1 - 1 Project Location Map

1.1 Purpose

The study will evaluate the feasibility of widening SR 514 (Malabar Road) from primarily a two lane roadway to a four lane divided urban roadway and includes evaluation of improvements such as bicycle lanes and sidewalks. The proposed roadway widening will improve traffic flow on SR 514 (Malabar Road) and improve intersection operations along the corridor.

This Utility Assessment Report was prepared as part of the documentation needed to complete the PD&E Study. The purpose of this package is to evaluate the potential impacts to utilities within the study area.

1.2 Project Description

1.2.1 Existing Roadway Facility

SR 514 (Malabar Road) varies from a two lane undivided to four lane divided east-west urban minor arterial roadway which connects US 1 to Interstate 95 in Brevard County. The existing right-of-way width ranges from 50 feet to 146 feet. There is sidewalk on both sides of the roadway from Babcock St. to west of Enterprise Ave. and on the north side of the roadway in front of the Palm Bay Hospital. Currently, stormwater sheet flows off the roadway into roadside swales except for the segment of roadway between Babcock St. and Enterprise Ave where there is an existing storm drain system. The Florida East Coast (FEC) Railroad runs parallel to US 1 and crosses SR 514 approximately 800 feet west of US 1. The existing typical sections for SR 514 are shown in Figures 1-2 through 1-5.

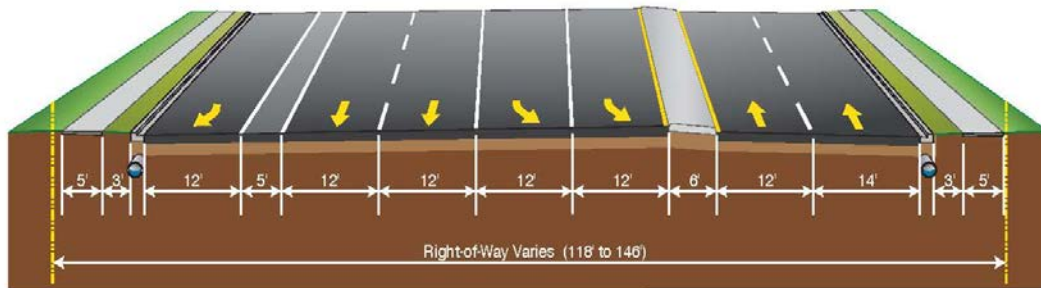


Figure 1 - 2 Existing Typical Section from Babcock Street to Enterprise Ave

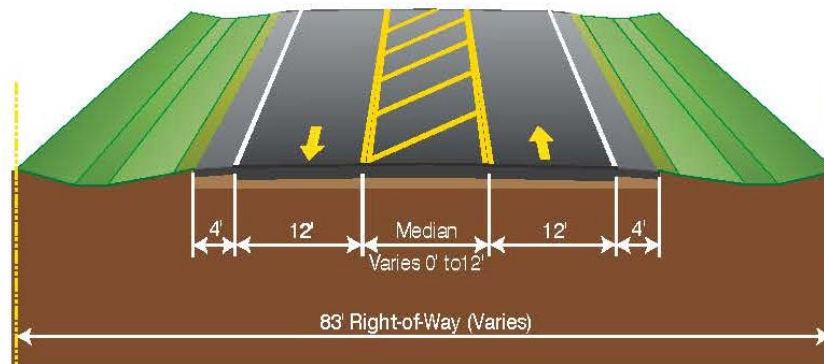


Figure 1 - 3 Existing Typical Section from Enterprise Ave to Enchanted Lakes

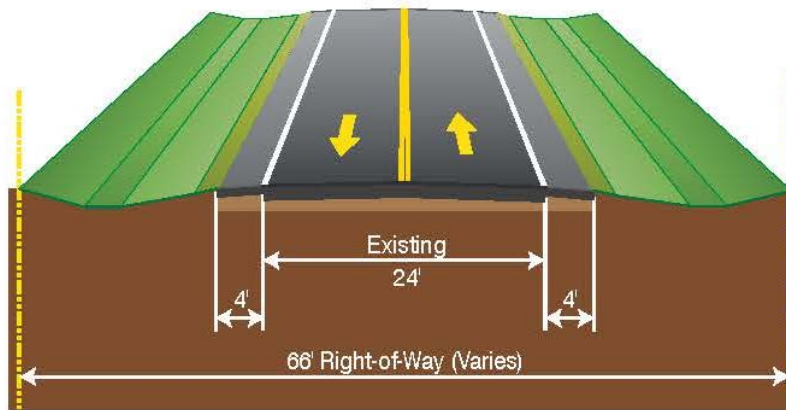


Figure 1 - 4 Existing Typical Section from Enchanted Lakes to Marie Street

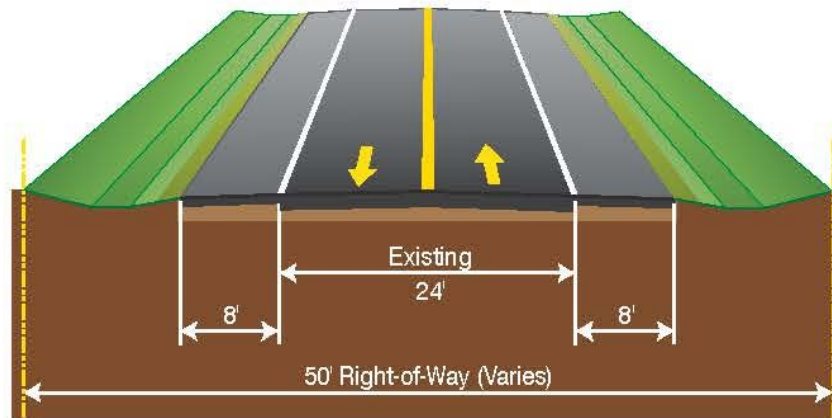
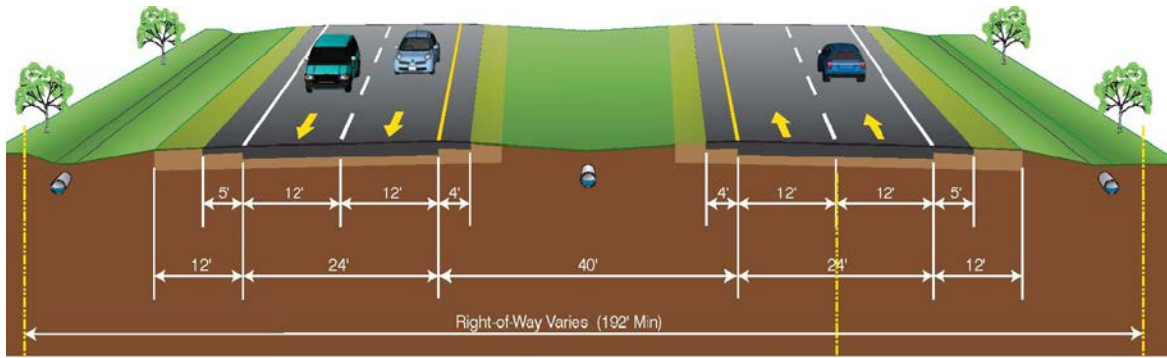


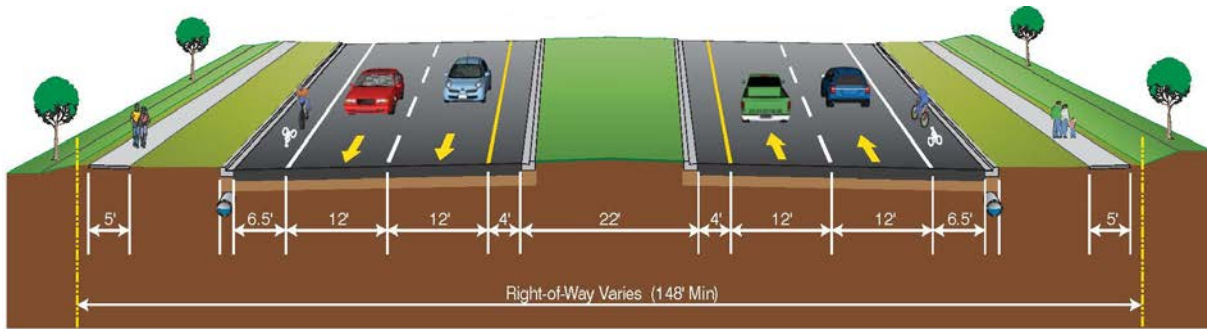
Figure 1 - 5 Existing Typical Section from Marie Street to US 1

1.2.2 Proposed Improvements

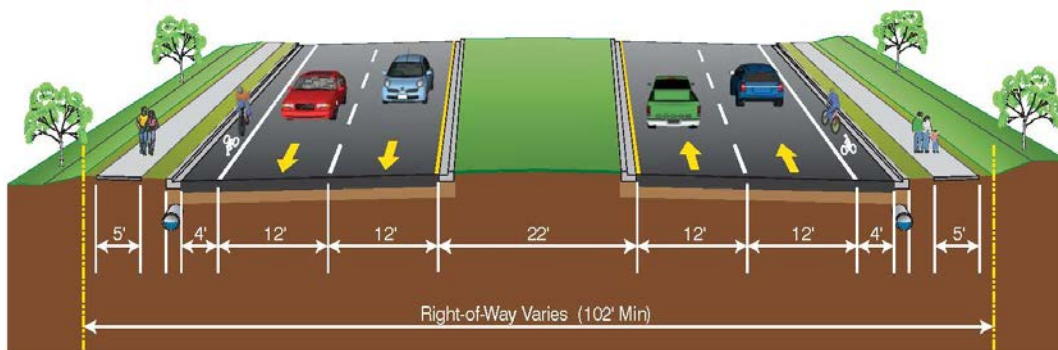
SR 514 (Malabar Road) will be widened from primarily a two lane roadway to a four lane divided urban roadway with curb and gutter. It is anticipated that there will be right-of-way acquisition for this project especially in the segment where the existing right-of-way is only 50 feet wide. Stormwater would be conveyed through a storm drain system to offsite ponds. The potential typical sections are shown in Figures 1-6 through 1-11.



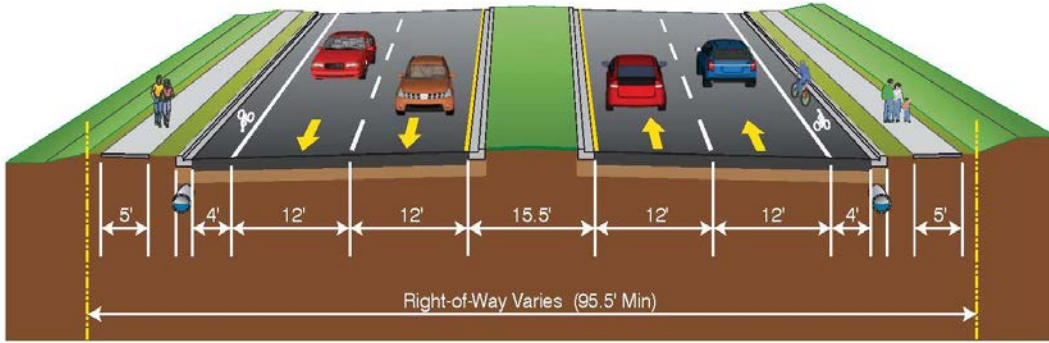
**Figure 1 - 6 4-Lane Rural Typical Section
Design Speed 55 M.P.H.**



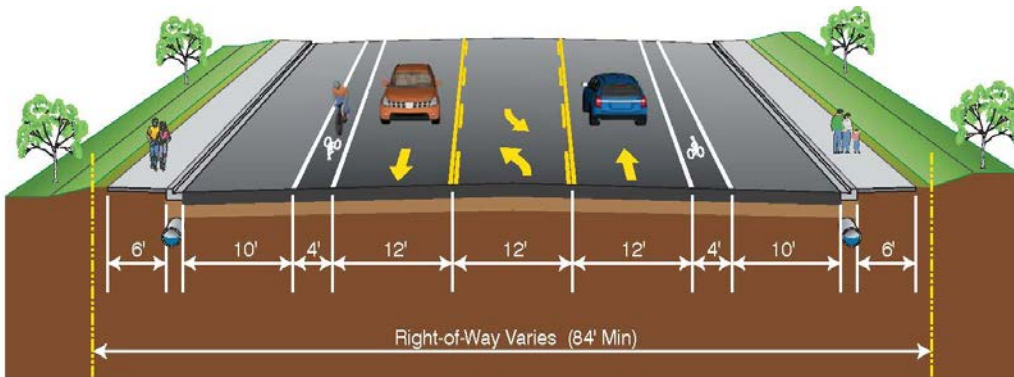
**Figure 1 - 7 4-Lane Suburban Typical Section
Design Speed 50 M.P.H.**



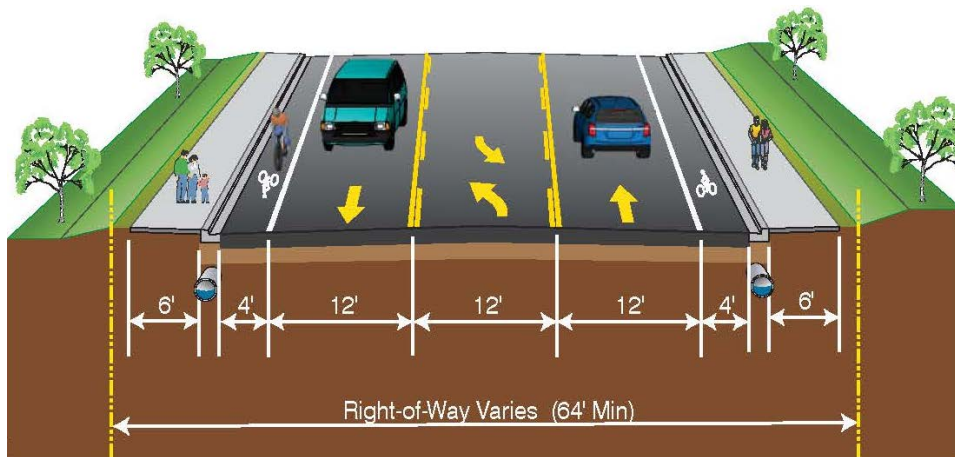
**Figure 1 - 8 4-Lane Urban Typical Section
Design Speed 45 M.P.H.**



**Figure 1 - 9 4-Lane Modified Urban Typical Section
Design Speed 45 M.P.H.**



**Figure 1 - 10 3-Lane Urban Typical Section with On-Street Parking (Downtown Malabar)
Design Speed 45 M.P.H.**



**Figure 1 - 11 3-Lane Urban Typical Section (Downtown Malabar)
Design Speed 45 M.P.H.**

2.0 EXISTING UTILITIES

2.1 Utility Owners

The existing and proposed utilities located within the project limits were identified as part of this PD&E study. A list of existing utility companies within the project limits was obtained from Sunshine 811. The list of existing utilities is summarized in Table 1.

Preliminary utility coordination was initiated with the utility agency owners (UAOs) through written communication to the listed utility contacts. The letters informed the UAOs of the PD&E study and requested that they mark up the conceptual plans provided and provide information regarding the location, type and size of their existing and proposed facilities within the project limits. The UAOs were requested to note if their facilities were located within the FDOT right-of-way (R/W) or within easements and to provide an order-of-magnitude estimate for relocating any facilities affected by the proposed project.

The Town of Malabar was one of the utilities contacted as part of the PD&E study. However, in September 2013, their water and wastewater systems were sold to the City of Palm Bay.

Table 1: Utility Contact List from Sunshine 811

Utility	Contact	Address	Phone Number	Facility within Study Area
AT&T - Distribution	Bryan Coughlin	7747 Ellis Road, Melbourne, FL 32904	(321) 723-8040	Copper & fiber optic cables
AT&T - Transmission	Greg Jacobson	6015 Benjamin Road, Suite 306, Tampa, FL 33634	(813) 342-0512	Fiber optic cables
Bright House Networks	Kevin Money	720 Magnolia Avenue, Melbourne, FL 32935	(321) 757-6503	Coaxial & fiber optic cables
CenturyLink/Qwest	George McElvain	700 W. Mineral Avenue, UTD 2734, Littleton, CO 80120	(303) 992-9931	Fiber optic cables
City of Palm Bay	Mark Reagan	2725 Judge Fran Jamieson Way, Bldg. A-213, Melbourne, FL 32940	(321) 633-2089	Water (WM) & Force Main (FM)
Florida City Gas	Ron Muller	4180 S. US Hwy 1, Rockledge, FL 32955	(321) 638-3424	Gas Mains
Florida Power & Light Distribution	Sue Williams	270 Pioneer Road, Merritt Island, FL 32953	(321) 455-6125	Overhead Electric
Florida Power & Light Transmission	Pete Washio	700 Universe Blvd. TS4/JW, Juno Beach, Florida 33408	(561) 904-3693	Overhead Electric
Level 3 Communications, Inc.	Kelli Whitehead	1025 Eldorado Blvd, Broomfield, CO 80021	512-742-1479	Fiber optic cables
MCI	Chuck Brunick	812 Ohio Ave, Lynn Haven, FL 32444	850-265-3652	Fiber optic cables
Sprint Nextel	Mark Caldwell	7100 TPC Blvd, Suite 400, Orlando, FL 32801	(321)287-9942	Fiber optic cables
TW Telecom	Mike Garrison	485 N. Keller Road, Suite 551, Maitland, FL 32751	(407) 618-6791	Overhead Coaxial Cables

2.2 Description of Existing Utilities and Estimated Relocation Costs

The mark ups and as-built/atlas data provided by the UAOs are provided in the Appendix. Depending on their location and depth, the proposed improvements may require adjustment of some or all of these utilities. AT&T Distribution and Florida Power & Light (FPL) own easements within the project limits. A description of the existing facilities and the associated relocation costs are summarized in Table 2.

Table 2: Existing Utilities and Estimated Relocation Costs

Utility Agency Owner	Description	Estimated Cost
AT&T Distribution	AT&T Distribution has multiple aerial and buried fiber optic and copper cables within the project limits. An aerial pole line on south side of SR 514 with fiber and copper cables extends east to Blanche St. There are major fiber optic conduits crossings at Babcock St., Corey Rd. and at US 1. AT&T has a 30' x 30' easement housing Pair Gain Equipment at the south east corner of Corey Rd and SR 514.	\$450,000
AT&T Transmission	AT&T Transmission has a high capacity fiber optic cable running north and south within the Florida East Coast (FEC) Railroad R/W.	\$200,000
Bright House Networks	Bright House has overhead fiber optic and coaxial cables on the north side of SR 514 beginning at the FP&L pole at the intersection of Babcock St. and SR 514 and extending to Enterprise Ave. There is also buried fiber optic and coaxial cables on north side of the roadway from Enterprise to Palm Bay Hospital and on south side from Alexander Ln. to Corey Rd.; overhead fiber and coaxial cables on north side of road from Corey Rd. to Malabar Woods Blvd. and from Marie St. to US 1. There is an underground crossing at the railroad and aerial cables extend north-south on US 1.	\$300,000
CenturyLink/Qwest	CenturyLink (2) 2" conduits containing fiber optic cables running north-south on the west side of the tracks within the FEC railroad R/W.	\$300,000

City of Palm Bay Utilities	The City of Palm Bay utilities has a 12" water main on the south side of SR 514 from Babcock St. to Corey Rd; an 8" force main extends west from the lift station at Palm Bay Hospital to Babcock Rd and a 4" force main from Weber Rd which connects to the 8" force main. They have a lift station at 730 Malabar Rd.	\$500,000
Florida City Gas	Florida City Gas has 6" PE gas main which crosses to the north side of SR 514 from Enterprises Ave. and extends east to west of Canova St. where it crosses to the south side and continues east to Palm Bay Hospital where it crosses to the north side of SR 514 and enters the hospital property.	\$125,000
Florida Power & Light - Distribution	FP&L has a distribution pole line on the north side of SR 514 from Babcock St. to Weber Rd. where it is underbuilt on the transmission poles and continues east to US 41.	\$1,000,000
Florida Power & Light - Transmission	FP&L has a transmission pole line on south side of SR 514 from Babcock St. to 730 Malabar Rd. where it crosses over to north side of the roadway. It continues east to Glatter Rd. and exits the right-of-way south to 15-ft easement adjacent to the right of way.	\$5,100,000
Level 3 Communications	Level 2 has fiber optic cables running north-south on west side of the FEC railroad R/W crossing at SR 514.	No response to cost request.
MCI	MCI has fiber optic cables running north-south on west side of the FEC railroad R/W crossing at SR 514.	\$75,000
Sprint/Nextel	No response from UAO	No response to cost request.
TW Telecom	TW Telecom has cable extending on the north side of SR 514 from Babcock St. to Enterprise Ave. where it crosses the road and ends. They also have cable on south side of SR 514 from east of Canova St. to Medplex Pkwy.; from Medplex Pkwy. to Weber Rd.; and on the north side of road from Marie St. to US 1.	No response to cost request.

3.0 MITIGATION RECOMMENDATIONS

Most of the UAOs have the capability to adjust their services without causing major inconvenience to their customers. Mitigation measures should include minimizing service disruptions, allowing service disruptions only during periods of minimum usage and installing alternative or new services before disconnecting the existing service. Particular emphasis should be placed on mitigating impacts to AT&T and FP&L facilities within their easements to avoid relocation costs.

APPENDIX

AT&T Distribution



April 26, 2013

AT&T – Florida
Bryan Coughlin
7747 Ellis Rd.
Melbourne, FL 32904

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. Coughlin,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style with a large initial "M".

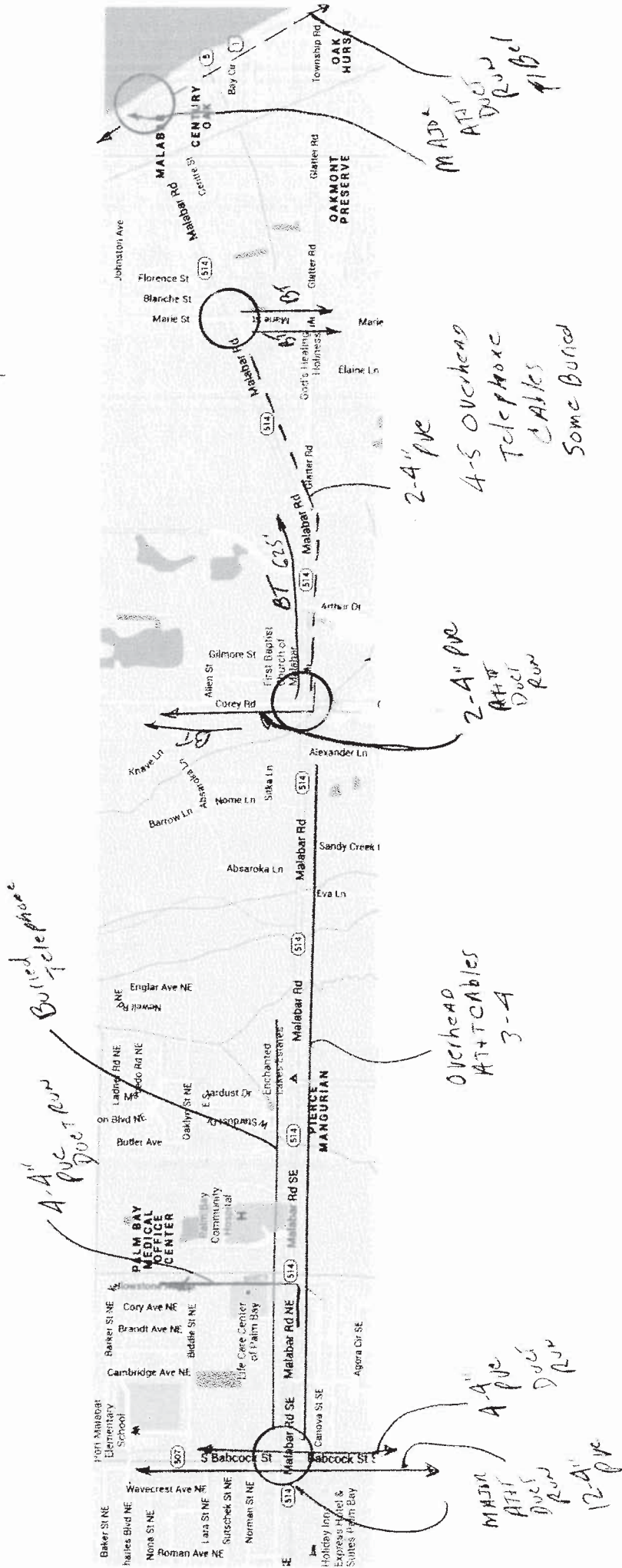
Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

NOTICE

All Cable Locations are approximate and were taken from records. Call Sunshine One-Call For field locations: 1-800-432-4770

All Cable Locations are approximate and were taken from records. Call Sunshine One-Call For field locations: 1-800-432-4770

○ - congested areas w/ ATT facilities



MOST ATT FACILITIES ARE ON THE South Side of MALABAR To Numerous to Accurately Depict on this DRAWING

HC



CFN:2004092435 03-26-2004 12:49 pm
OR Book/Page: 5239 / 0618

Scott Ellis

Clerk Of Courts, Brevard County

#Pgs: 3 #Names: 2
Trust: 2.00 Rec: 13.00 Serv: 0.00
Deed: 0.70 Excise: 0.00
Mtg: 0.00 Int Tax: 0.00

STATE OF FLORIDA
COUNTY OF BREVARD



8416-I-FL
(02-2002)

Preparer's name and address:
(Return document to the BellSouth
address on back)

BellSouth Telecommunications, Inc.
712 Florida Avenue
Cocoa, FL 32922
c/o REST/ J. Lewer

EASEMENT

For and in consideration of one dollar 00/100 dollars (\$1.00) and other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, the undersigned owner(s) of the premises described below, hereinafter referred to as Grantor, do(es) hereby grant to BELLSOUTH TELECOMMUNICATIONS, INC., a Georgia corporation, its licensees, agents, successors, assigns, and allied and associated companies, hereinafter referred to as Grantee, an easement to construct, operate, maintain, add, and/or remove such systems of communications, facilities, stand by generators and associated fuel supply systems as a means of providing uninterrupted service during commercial power outages, or related services as the Grantee may from time to time require upon, over, and under a portion of the lands described in Deed Book _____, page _____, Brevard County, Florida Records, and, to the fullest extent the grantor has the power to grant, upon, over, along, and under the roads, streets, or highways adjoining or through said property. The said easement is more particularly described as follows:

All that tract or parcel of land lying in Section 01, Township 29, Range 37, Meridian, Brevard County, State of Florida, consisting of a (strip) (parcel) of land described in the attached Exhibit "1" (survey)

The following rights are also granted: the exclusive right to allow any other person, firm, or corporation to attach wires or lay cable or conduit or other appurtenances upon, over, and under said easement for communications or electric power transmission or distribution; ingress to and egress from said easement at all times; the right, but not the obligation, to clear the easement and keep it cleared of all trees, undergrowth, or other obstructions; the right, but not the obligation, to trim and cut and keep trimmed and cut all dead, weak, leaning, or dangerous trees or limbs outside the easement which might interfere with or fall upon the lines or systems of communication or power transmission or distribution; the right to relocate said facilities, systems of communications, or related services on said lands to conform to any future highway relocation, widening, or improvements; the right to conduct site evaluations and/or other above and below ground tests and surveys deemed necessary by Grantee, the right to test and maintain generators and associated equipment; and the right to allow any other person, firm, or corporation to provide for fuel/energy distribution to equipment placed on the site.

To have and to hold the above granted easement unto BellSouth Telecommunications, Inc., its licensees, agents, successors, assigns, and allied and associated companies forever and in perpetuity.

Grantor warrants that grantor is the true owner of record of the above described land on which the aforesaid easement is granted.



CFN:2004092435

OR Book/Page: 5239 / 0619

SPECIAL STIPULATIONS OR COMMENTS:

8416-C-FL
(05-2002)
Page 2

The following special stipulations shall control in the event of conflict with any of the foregoing easement:
BellSouth Telecommunications, Inc. agrees to pay a
\$500.00 landscape allowance to Grantor to screen telephone
equipment. Landscaping has to be around the perimeter of the
easement and cannot impede access to the easement area.

In witness whereof, the undersigned has/have caused this instrument to be executed on the 22 day of March, 2004

Signed, sealed and delivered in the presence of:

Mary P. Nelson MARY P. Nelson
Witness

Athea Williams Athea Williams
Witness

FIRST BAPTIST CHURCH OF
MALABAR, INC.

Name Of Corporation

By: Richard Whitworth

Title: Treasurer

Attest: _____

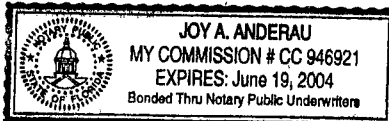
State of Florida, County of Brevard

I HEREBY CERTIFY that Richard Whitworth, personally appeared before me and
acknowledged that he/she was the same. The foregoing instrument was acknowledged before me this 22 day of March,
2004, by Richard Whitworth, Treasurer (name and title of officer) of
First Baptist Church of Malabar, Inc (name of corporation), a, Florida
corporation, on behalf of the corporation. He/she is personally known to me or has produced FL Drivers License
identification and who did/did not take an oath.

Witness my hand and official seal in the County and State last aforesaid, this 22 day of March, 2004

Joy A. Anderau
Notary Public
JOY A. ANDERAU
Print Name

My Commission Expires: _____



Commission Number _____

Grantor's Address:

1665 Malabar Road
Malabar, FL 32950

Grantee's Address:

BellSouth Telecommunications, Inc.
c/o REST/ J. Lewer
380 S. Courtenay Pkwy.
Merritt Island, FL 32952

TO BE COMPLETED BY BELL SOUTH TELECOMMUNICATIONS, INC.

District	FRC	Wire Center/NXX	Authority
Drawing	Area Number	Plat Number	RWID
Approval	Title		

PLAT OF LAND SURVEY FOR and/or CERTIFIED TO; BILLSOUTH TELECOMMUNICATIONS, INC
 SITE NAME: FIRST BAPTIST CHURCH OF MALABAR
 PARCEL ID No. 29-37-01-00-00256.0-0000.00
 SITE LOCATION; MALABAR RD & COREY RD, MALABAR, BREVARD COUNTY, FLORIDA.
 LYING IN SECTION 01, TOWNSHIP 29 SOUTH, RANGE 37 EAST.
 DESCRIPTION AS FOLLOWS;

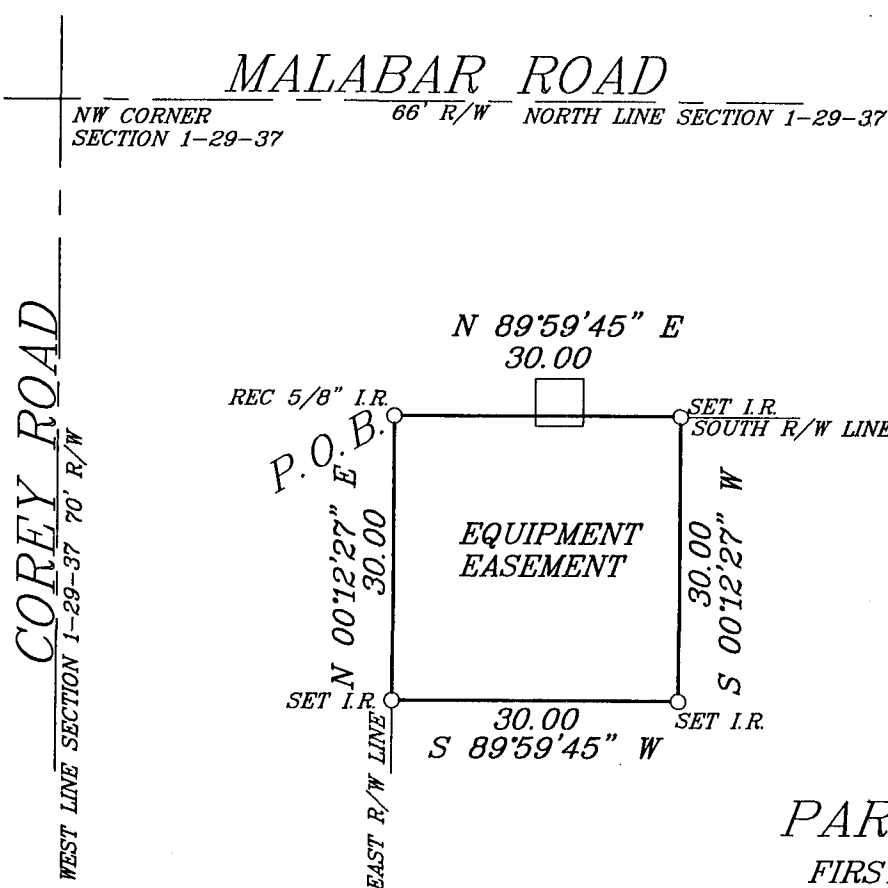
AN EQUIPMENT EASEMENT LYING IN A PORTION OF PARCEL 256, SECTION 1, TOWNSHIP 29 SOUTH, RANGE 37 EAST, BREVARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

BEGIN AT A POINT 33 FEET SOUTH, AND 35 FEET EAST OF THE NORTHWEST CORNER OF SAID SECTION 1, SAID POINT BEING THE INTERSECTION OF THE SOUTH R/W LINE OF MALABAR ROAD, AND THE EAST R/W LINE OF COREY ROAD, FROM SAID POINT RUN N 89°59'45" E ALONG THE SAID SOUTH R/W LINE A DISTANCE OF 30.00 FEET, THENCE RUN S 00°12'27" W A DISTANCE OF 30.00 FEET, THENCE RUN S 89°59'45" W A DISTANCE OF 30.00 FEET TO THE AFORESAID EAST R/W LINE OF COREY ROAD, THENCE RUN N 00°12'27" E ALONG SAID EAST R/W LINE A DISTANCE OF 30.00 FEET TO THE POINT OF BEGINNING.



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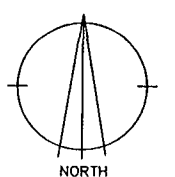
OR Book/Page: 5239 / 0620



PARCEL 256
 FIRST BAPTIST
 CHURCH OF MALABAR

GRUSENMEYER-SCOTT & WALKER, INC.-LAND SURVEYORS

- LEGEND
- P = PLAT
 - F = FIELD
 - I.P. = IRON PIPE
 - I.R. = IRON ROD
 - C.M. = CONCRETE MONUMENT
 - SET I.R. = 5/8" I.R. W/ #LB 6710
 - REC. = RECOVERED
 - P.O.B. = POINT OF BEGINNING
 - P.O.C. = POINT OF COMMENCEMENT
 - CL = CENTERLINE
 - N&D = NAIL & DISC
 - R/W = RIGHT-OF-WAY
 - ESMT. = EASEMENT
 - DRAIN. = DRAINAGE
 - UTL. = UTILITY
 - C.L. FC. = CHAIN LINK FENCE
 - WD. F.C. = WOOD FENCE
 - C/B = CONCRETE BLOCK
 - P.C. = POINT OF CURVATURE
 - P.T. = POINT OF TANGENCY
 - D. = DESCRIPTION
 - B.B. = BASE BEARING (SEE #8)
 - A/C = AIR CONDITIONER
 - P.U. & D.E. = PUBLIC UTILITIES & DRAINAGE ESMT.
 - R = RADIUS
 - L = ARC LENGTH
 - Δ = CENTRAL ANGLE
 - CHORD = CHORD
 - C.B. = CHORD BEARING
 - P.O.L. = POINT ON LINE
 - TYP. = TYPICAL
 - P.R.C. = POINT OF REVERSE CURVATURE
 - P.C.C. = POINT OF COMPOUND CURVATURE
 - RAD. = RADIAL
 - N.R. = NON-RADIAL
 - W.P. = WITNESS POINT
 - C = CALCULATED



BREVARD COUNTY OFFICE
 4175 S. U.S. 1
 ROCKLEDGE, FL. 32955
 321-636-1055
 321-636-1400 (FAX)
 LB 6710

NOTES

1. THE UNDERSIGNED DOES HEREBY CERTIFY THAT THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6 FLORIDA ADMINISTRATIVE CODE PURSUANT TO CHAPTER 472-027, FLORIDA STATUTES.
 2. UNLESS EMBOSSED WITH SURVEYOR'S SEAL, THIS SURVEY IS NOT VALID AND IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY.
 3. THIS SURVEY WAS PREPARED FROM TITLE INFORMATION FURNISHED TO THE SURVEYOR. THERE MAY BE OTHER RESTRICTIONS OR EASEMENTS THAT AFFECT THIS PROPERTY.
 4. NO UNDERGROUND IMPROVEMENTS HAVE BEEN LOCATED UNLESS OTHERWISE SHOWN.
 5. THIS SURVEY IS PREPARED FOR THE SOLE BENEFIT OF THOSE CERTIFIED TO AND SHOULD NOT BE RELIED UPON BY ANY OTHER ENTITY.
 6. DIMENSIONS SHOWN FOR THE LOCATION OF IMPROVEMENTS HEREON SHOULD NOT BE USED TO RECONSTRUCT BOUNDARY LINES.
 7. ELEVATIONS, IF SHOWN, ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929, UNLESS OTHERWISE NOTED.
- BEARINGS BASED ON THE NORTH LINE SECTION 1-29-37
 SAID BEARING BEING N 89°59'45" E

CERTIFIED BY: *[Signature]* R.L.S. NO. 5362
 JOHN W. WALKER, R.L.S. NO. 5362 TOM X. GRUSENMEYER, R.L.S. NO. 4714
 JAMES W. SCOTT, R.L.S. NO. 4801
 THIS BUILDING/PROPERTY _____ LIE WITHIN THE ESTABLISHED
 SPECIAL FLOOD HAZARD AREA PER _____ FIRM IT LIES IN ZONE:
 PANEL # _____ MAP DATE: _____

SCALE 1" = 20'	
FIELD DATE	ORDER NO.
EASEMENT 3-13-04	31313
DRAWN BY: JDUB	CHECKED BY:

AT&T Transmission



April 26, 2013

AT&T – Transmission
Greg Jacobsen
6015 Benjamin Rd., Suite 306
Tampa, FL 33634

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. Jacobsen,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style with a large "M" and "H".

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com



Engineering Office - Orlando

6000 Metro West Blvd.
Suite 201
Orlando, FL 32835-7631
Phone: (407) 578-8000
Fax: (407) 578-7300
Email: seriksson@pea-nc.net

May 1, 2013

Omni Communications
Attn: Mr. Mike Hammer
8473 W. Linebaugh Ave
Tampa, Fl. 33625
(813) 852-1888

**RE: FIN No: 430136-1-22-01
SR 514 (Malabar Rd) from SR 507 (Babcock St) to US 1
Ticket No: 215202487
Brevard County**

AT&T Corp Long Lines (Transmission) maintains a high capacity fiber optic cable in a FOC Duct-bank in the FEC Railroad R/W and within the above project limits. Based on a Goggle map received on 4/29/13 detailed plans will be necessary to determine any or No Conflict with proposed construction at this time. Please send updated information as it becomes available to this office. If you additional information please call this office at (407) 578-8000

Sincerely,

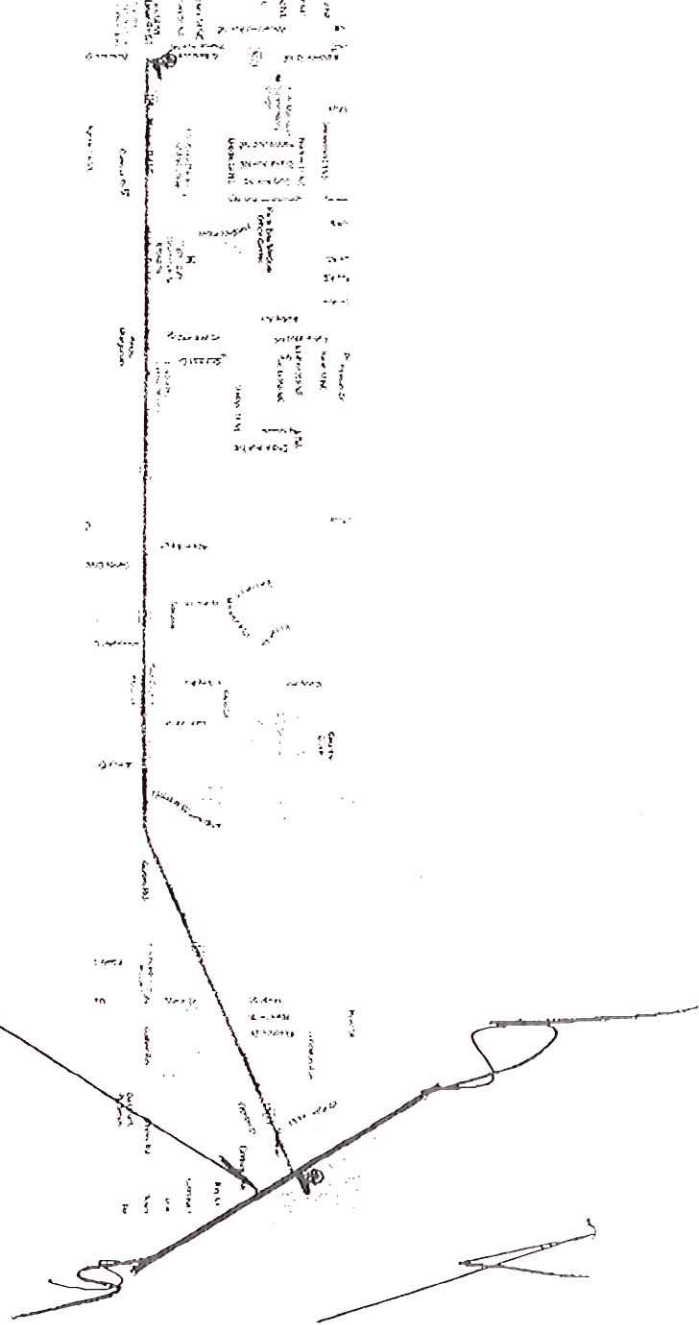
Stefan Eriksson
Assistant Project Engineer
Representing AT&T, Inc

SGE/CM 13-01-001
Cc: G. Jacobson (AT&T)
File

FPID# 430136-1-22-01

SR 514 (Malabar Rd) from SR 507 (Babcock St) to US 1

Brevard County



EXISTING
AT&T COOP LONG LINES
FOR 1/2" CONDUIT
WITHIN R/R R/W



Engineering Office – Orlando

6000 Metro West Blvd.
Suite 201
Orlando, FL 32835-7631
Phone: (407) 578-8000
Fax: (407) 578-7300
Email: seriksson@pea-nc.net

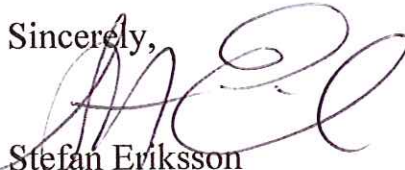
October 21, 2013

Omni Communications
Attn: Ms. Daisy Mattice- Cline
8473 W. Linebaugh Ave
Tampa, Fl. 33625
(813) 852-1888

RE: FIN No: 430136-1-22-01
SR 514 (Malabar Rd) from Babcock Rd to US 1
Brevard County

AT&T Corp Long Lines (Transmission) maintains a high capacity fiber optic cable in a FOC Duct-bank in the FEC Railroad R/W and within the above project limits. Based on your inquiry regarding cost to relocate AT&T Corp Long lines at the described location would be \$200,000 and up, depending on scope of work. Should you need additional information, Please contact Mr. Craig Petrie in this office (407) 578-8000 and provide us with additional information as it becomes available.

Sincerely,


Stefan Eriksson
Assistant Project Engineer
Representing AT&T, Inc

SGE/CM 13-01-015
Cc: G. Jacobson (AT&T)
File

Orlando, FL Gainesville, FL Miami, FL

Bright House Networks



April 26, 2013

Bright House Networks
Mike Isom
720 Magnolia Ave
Melbourne, FL 32935

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. Isom,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

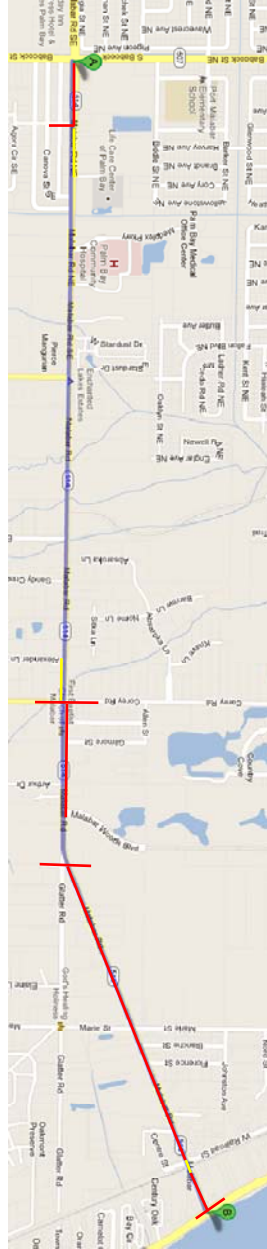
A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style.

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

FPID# 430136-1-22-01

SR 514 (Malabar Rd) from SR 507 (Babcock St) to US 1

Brevard County



Bright House Networks
Red is overhead
Yellow is underground
Kevin Money
321-757-6503

CenturyLink/Qwest



April 26, 2013

Qwest Communications
George McElvain
700 W. Mineral Ave., UTD 2734
Littleton, CO 80120-4511

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. McElvain,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

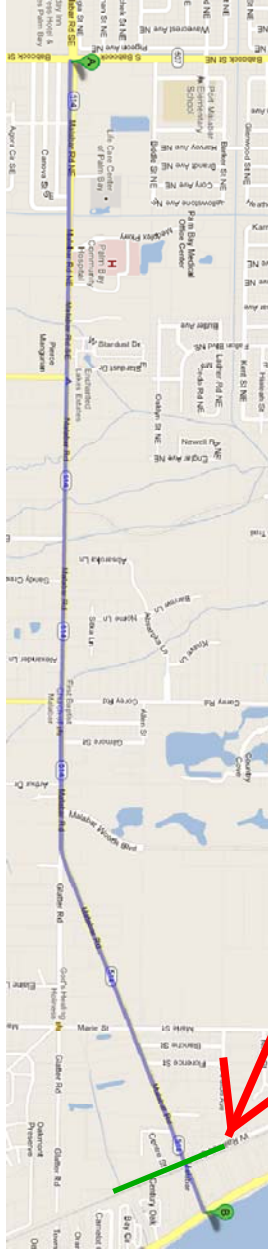
A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style with a large initial "M".

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

FPID# 430136-1-22-01

SR 514 (Malabar Rd) from SR 507 (Babcock St) to US 1

Brevard County



(5) 2" conduits on
FEC Railroad right-
of-way.
(2) belong to Qwest.

**For Information Only
Not For Construction**

City of Palm Bay Utilities



April 26, 2013

City of Palm Bay
Dan Roberts
250 Osmosis Dr SE
Palm Bay, FL 32909

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

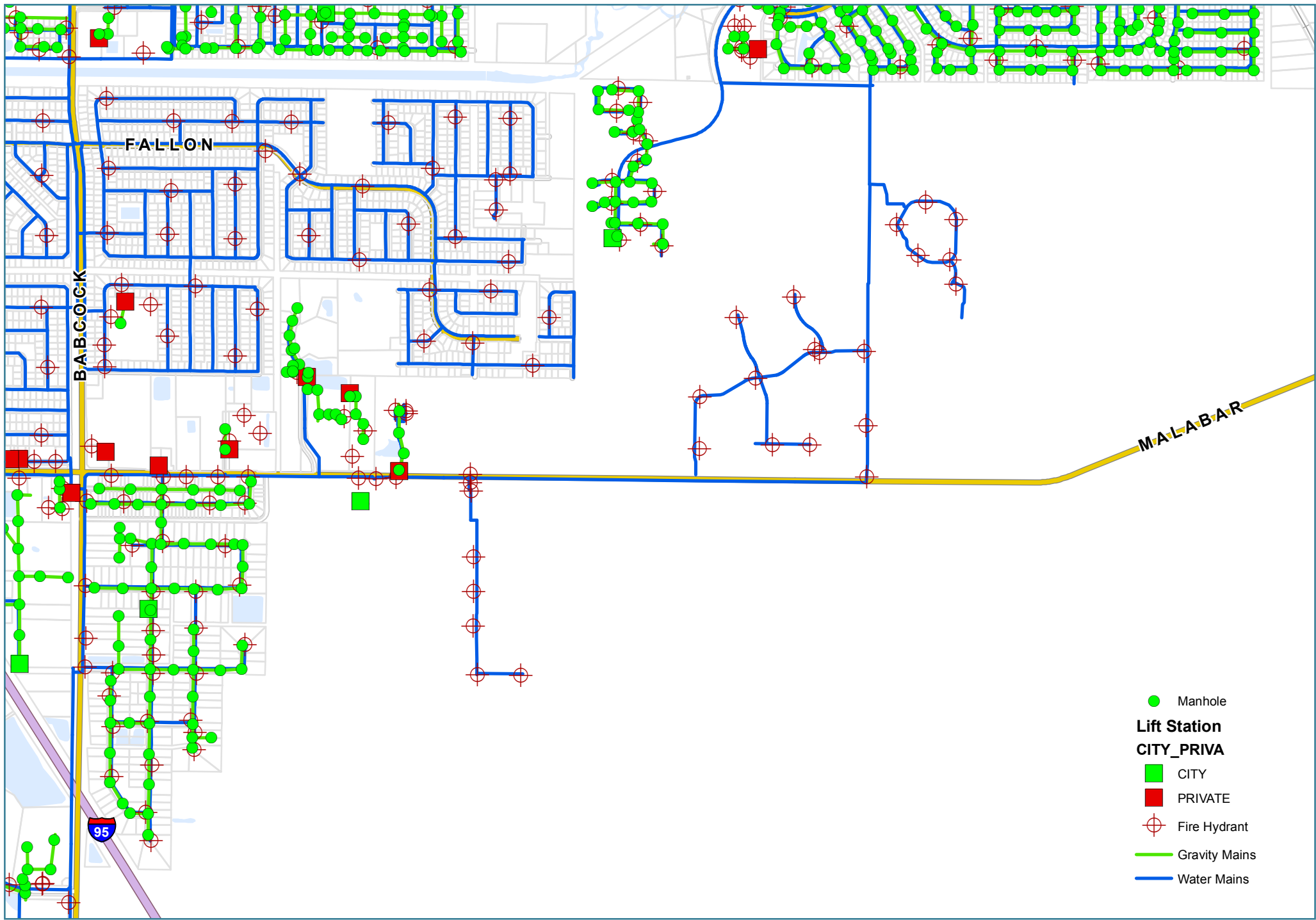
Dear: Mr. Roberts,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style with a large, stylized "M" and "H".

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com



Florida City Gas



April 26, 2013

Florida City Gas
Ron Muller
4180 South US Hwy 1
Rockledge, FL 32955

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. Muller,

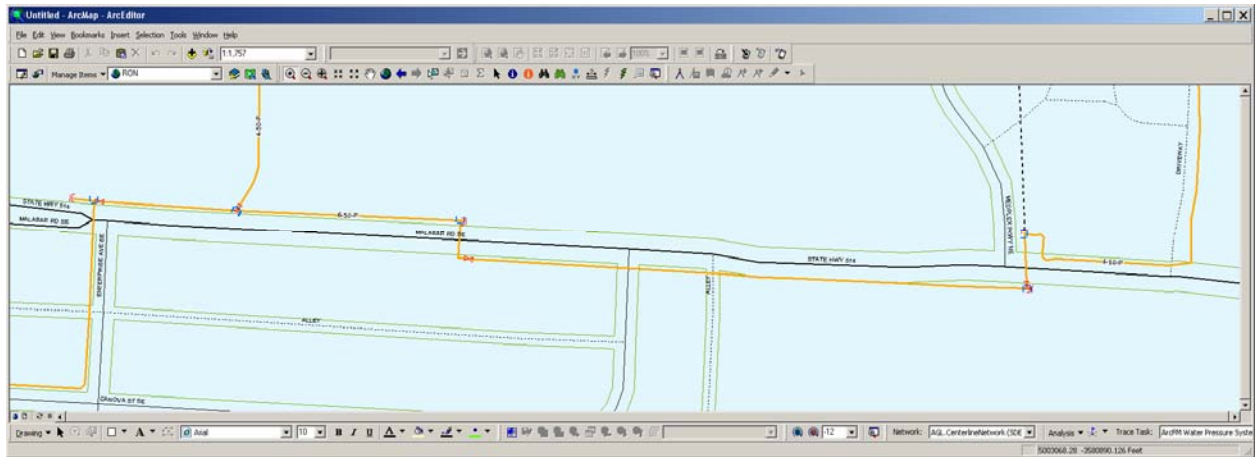
Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style.

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

We only have a 6" PE from Enterprise to the Hospital:



Florida Power & Light Distribution



April 26, 2013

Florida Power & Light – Distribution
Sue Williams
270 Pioneer Rd.
Merritt Island, FL 32953

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Ms. Williams,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

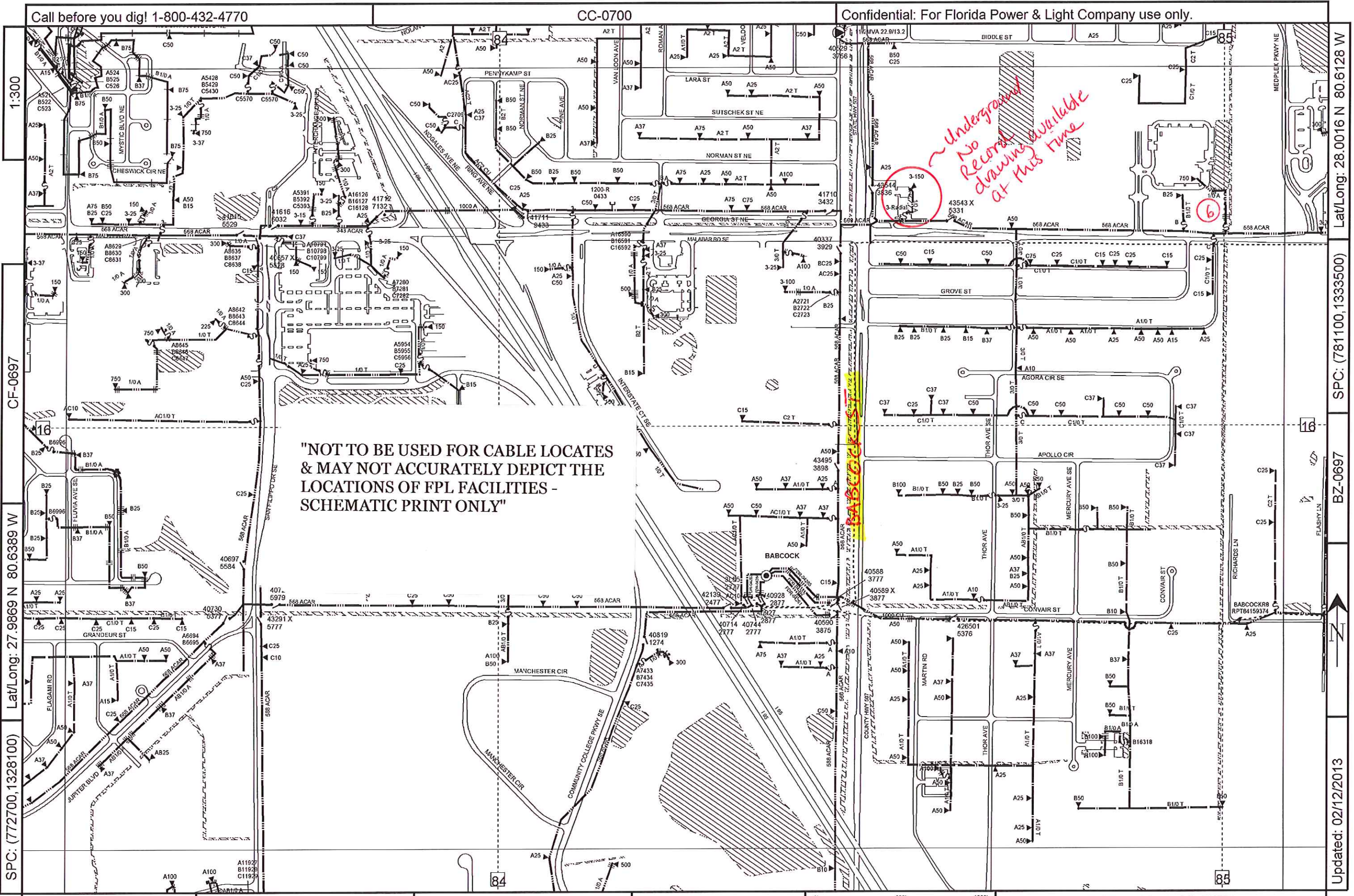
A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style.

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

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

CC-0700

Confidential: For Florida Power & Light Company use only.



"NOT TO BE USED FOR CABLE LOCATES
& MAY NOT ACCURATELY DEPICT THE
LOCATIONS OF FPL FACILITIES -
SCHEMATIC PRINT ONLY"

*~ Underground
No Record
Drawing Available
at this Time*

1:300
CF-0697
Lat/Long: 27.9869 N 80.6389 W
SPC: (772700,1328100)

Lat/Long: 28.0016 N 80.6128 W
SPC: (781100,1333500)
BZ-0697
Updated: 02/12/2013

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

BZ-0700

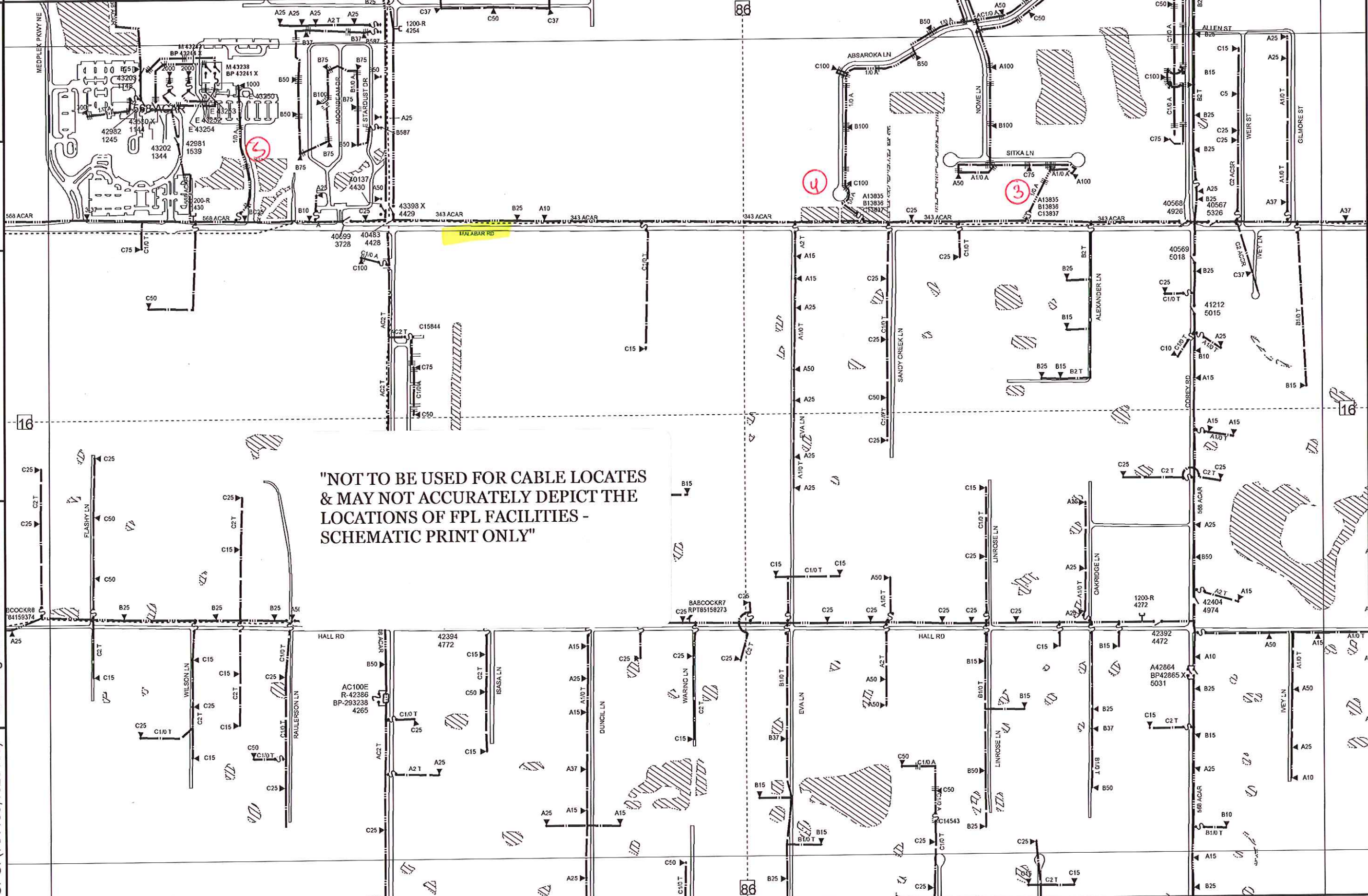
Confidential: For Florida Power & Light Company use only.

1:300

CC-0697

Lat/Long: 27.9868 N 80.6129 W

SPC: (781100,1328100)



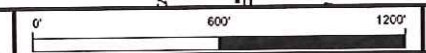
"NOT TO BE USED FOR CABLE LOCATES
& MAY NOT ACCURATELY DEPICT THE
LOCATIONS OF FPL FACILITIES -
SCHEMATIC PRINT ONLY"

County: Brevard

Mgmt Area: Brevard

Svc Ctr: Melbourne

BZ-0694



Primary Map: BZ-0697

Updated: 04/16/2013

BW-0697

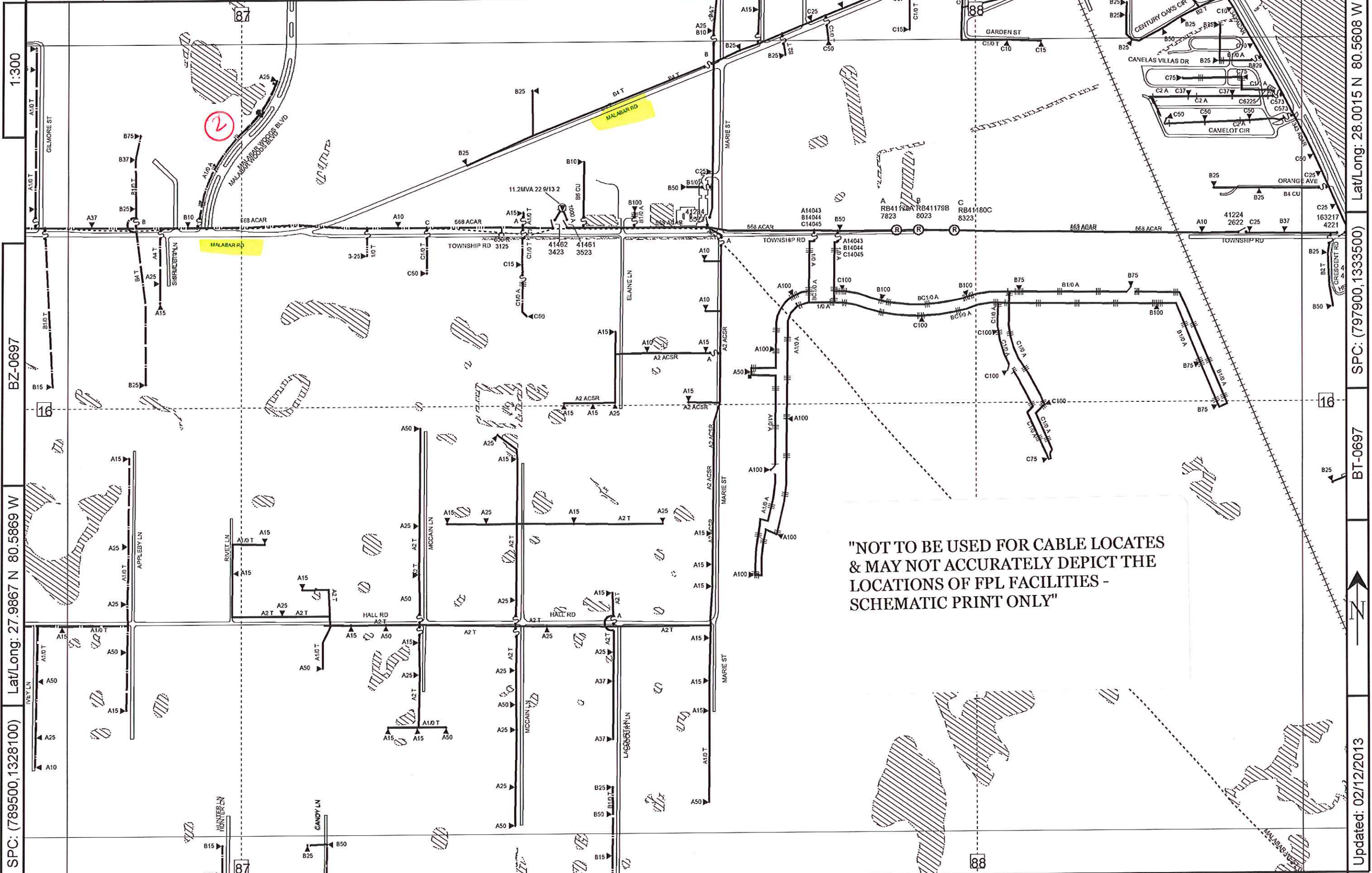
SPC: (789500,1333500)

Lat/Long: 28.0016 N 80.5868 W

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

BW-0700

Confidential: For Florida Power & Light Company use only.



**"NOT TO BE USED FOR CABLE LOCATES
& MAY NOT ACCURATELY DEPICT THE
LOCATIONS OF FPL FACILITIES -
SCHEMATIC PRINT ONLY"**

1:300

BZ-0697

Lat/Long: 27.9867 N 80.5869 W

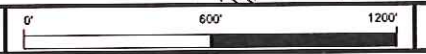
SPC: (789500,1328100)

County: Brevard

Mgmt Area: Brevard

Svc Ctr: Melbourne

BW-0694



Primary Map: BW-0697

Lat/Long: 28.0015 N 80.5608 W

SPC: (797900,1333500)

BT-0697



Updated: 02/12/2013

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

BW-0703

Confidential: For Florida Power & Light Company use only.



BZ-0700

Lat/Long: 28.0016 N 80.5868 W

SPC: (789500,1333500)

Lat/Long: 28.0163 N 80.5607 W

SPC: (797900,1338900)

BT-0700



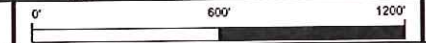
Updated: 02/12/2013

County: Brevard

Mgmt Area: Brevard

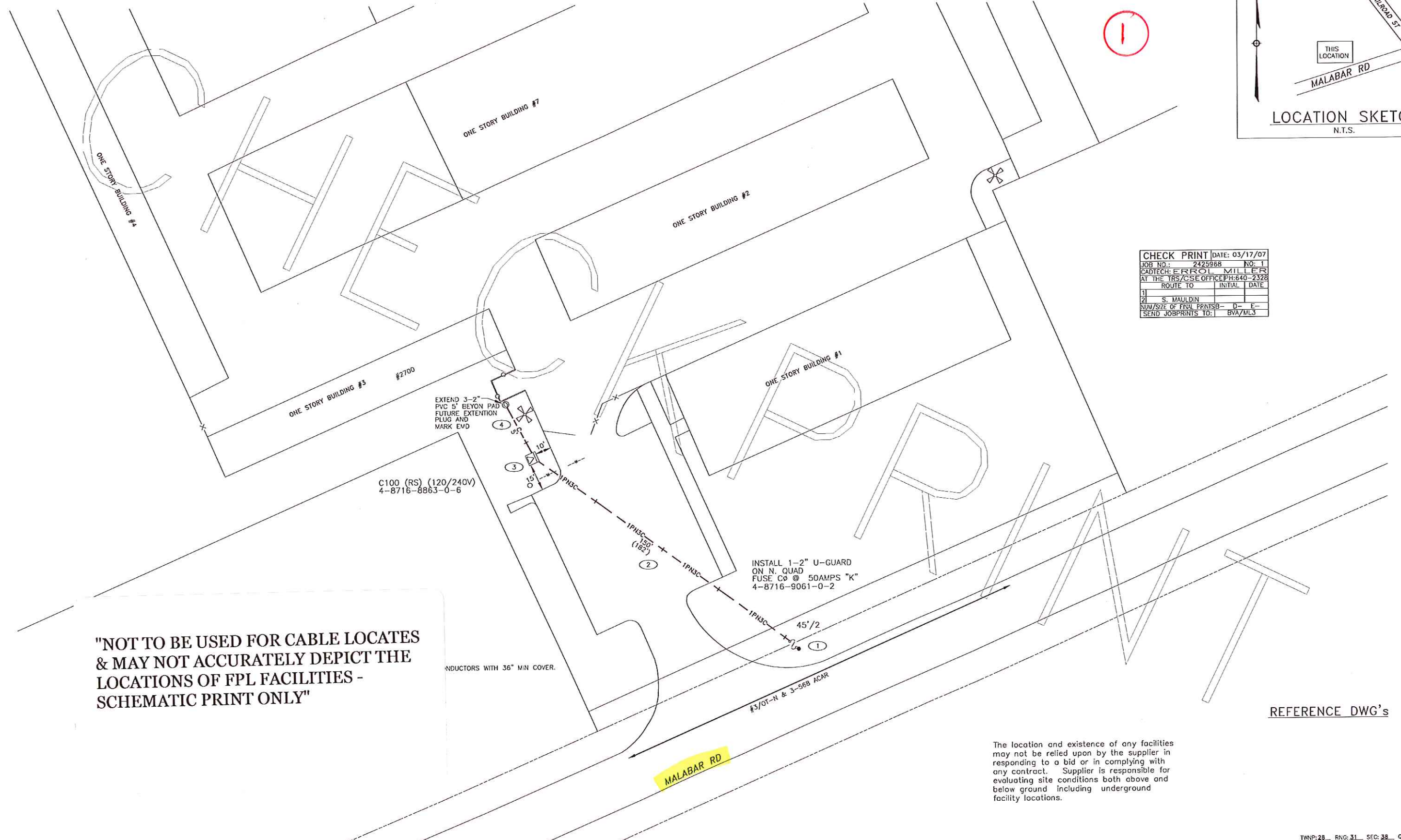
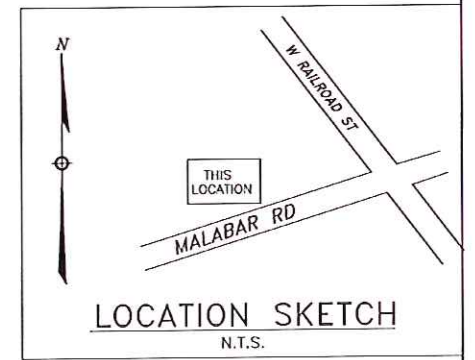
Svc Ctr: Melbourne

BW-0697



Primary Map: BW-0700

INACCESSIBLE 13KV FUTURE 23KV 23KV SALT SPRAY NULL



CHECK PRINT		DATE: 03/17/07	
JOB NO.:	2425968	NO.:	1
CADTECH: E. MILLER			
AT THE TRS/CSE OFFICE PH: 840-2328			
ROUTE TO	INITIAL	DATE	
1			
2	S. MAULDIN		
NUM/SZ OF FINAL PRINTS	B-	D-	E-
SEND JOBPRINTS TO:	BVA/ML3		

"NOT TO BE USED FOR CABLE LOCATES & MAY NOT ACCURATELY DEPICT THE LOCATIONS OF FPL FACILITIES - SCHEMATIC PRINT ONLY"

REFERENCE DWG's

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

PLOT DATE: 3/17/2007 PLOT TIME: 8:05:51 AM CAD NAME: EXM

TWNP: 28 RNC: 31 SEC: 38 QTR: _____

AS-BUILT	2425968	0	03/17/07	INSTALL TX AND PULL PRIMARY CABLE TO SVC 2700 MALABAR RD
AUTH NO.	NO.	DATE	REVISION	

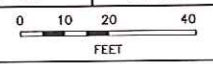
AS-BUILT COPY	AS-BUILT CREW PRINT
Prints	Cert. Date
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.	
Supervisor's Signature	Date
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.	
Foreman's Signature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

Easement?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Tree Work?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Designer/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mt?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Map Posting?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet	85'	Duct Bank Feet	85'
		CITY	DR. DIST.	COUNTY AIR	STATE RD
		WVD	RR XING	COUNTY RD.	TRANSV.
Posted by		Telephone Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CATV Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

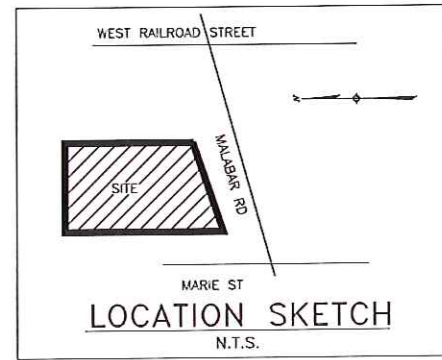


DESIGNED BY	S. MAULDIN
DRAWN BY	E. MILLER
DATE	03/17/07
MAP NO.	BW-0700

M/E BV	2700 MALABAR RD
MALABAR/BREVARD COUNTY, FLORIDA	
DWG NO.	4R921800
WR:	2425968 IWR: 9027-32-216

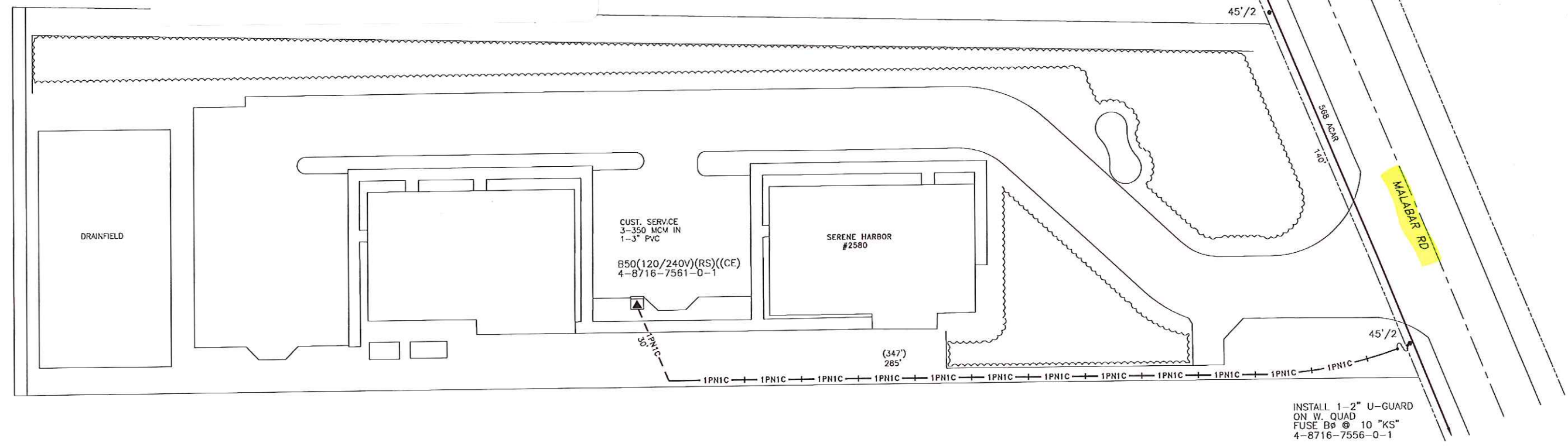


INACCESSIBLE 13KV FUTURE 23KV 23KV SALT SPRAY



7

"NOT TO BE USED FOR CABLE LOCATES & MAY NOT ACCURATELY DEPICT THE LOCATIONS OF FPL FACILITIES - SCHEMATIC PRINT ONLY"



INSTALL 1-2" U-GUARD ON W. QUAD FUSE B₀ @ 10 "KS" 4-8716-7556-0-1

CONSTRUCTION NOTES - WR# 2993444

- REQUIRED DRAWINGS
- 4R960600
- TRENCH NOTES
- EASEMENT:
- MANTAIN A MINIMUM OF 12" SEPARATION FROM ALL OTHER UTILITIES
- CUSTOMER INSTALLED CONDUIT
- CUSTOMER INSTALLED SERVICES CONDUIT
- CABLE
- 1P/NIC IS 100 #1/0A 25KV-XPE IN 1-2" PVC WITH 36" MIN COVER
- OTHER NOTES
- ALL SERVICES TO BE INSTALLED, OWNED AND MAINTAINED BY THE CUSTOMER
- STANDARD NOTES
- ALL CABLE AND/OR CONDUIT ENDS ARE TO BE MARKED WITH AN ELECTRONIC MARKER
- (XXX) DENOTES CABLE PULL DISTANCE
- UNDERGROUND OBSTRUCTIONS ARE TO BE LOCATED PRIOR TO DIGGING
- INSTALL NEUTRAL BOND FOR COMMUNICATION COMPANIES AT ALL SINGLE PHASE TRANSFORMERS PER D.C.S., G-11.0.0
- UTILITY CONTACT LIST
- CALL SUNSHINE 1-800-432-4770

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

REFERENCE DWG's

TWP: 28 RING: 38 SEC: 31 QTR: _____

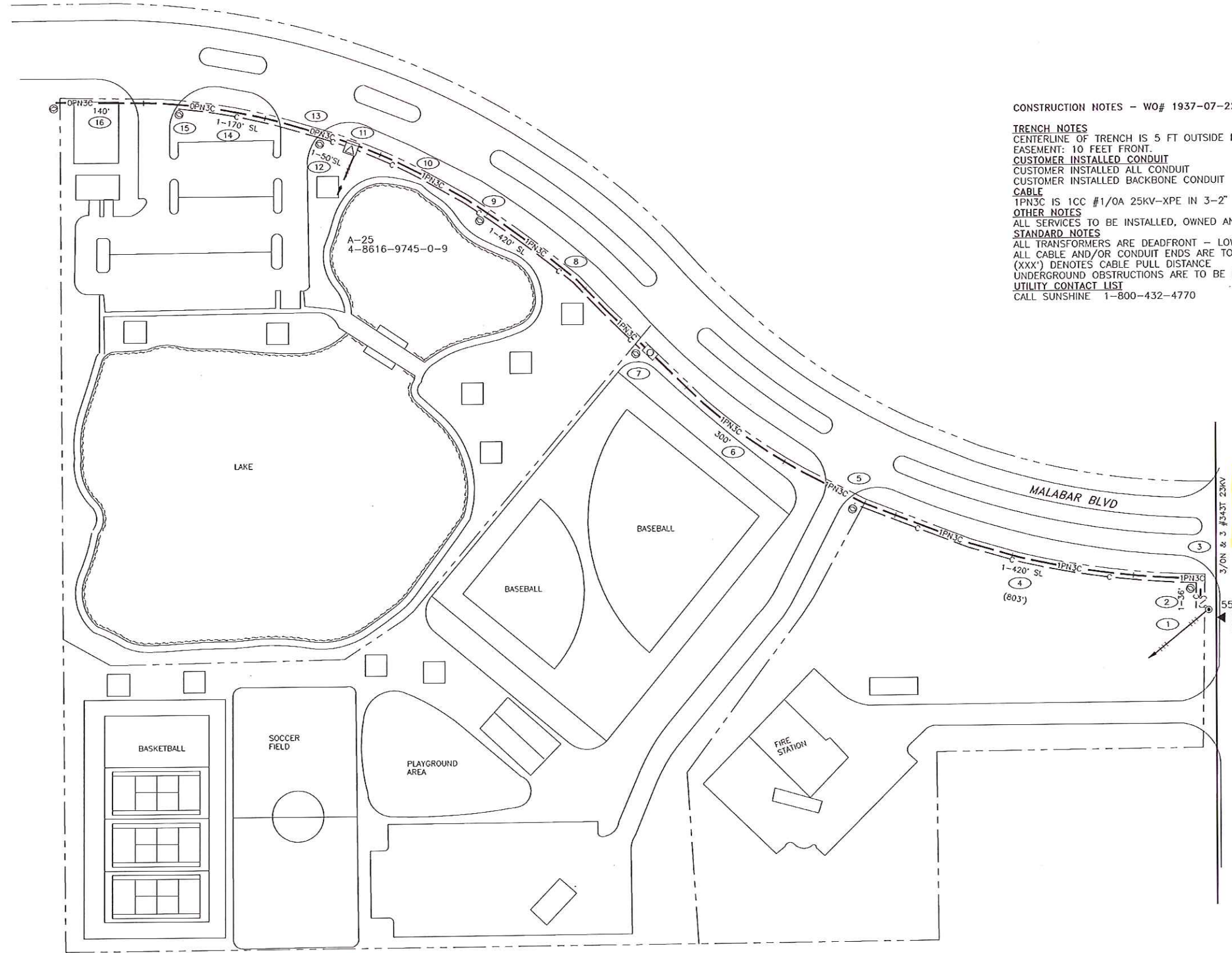
PLOT DATE: 7/14/2008 PLOT TIME: 8:45:20 AM CAD NAME: WLT

AS-BUILT COPY	AS-BUILT CREW PRINT	Easement? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Work with SMO? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		DESIGNED BY	J. PEROTTO	M/A BY SERENE HARBOR 2580 MALABAR RD MALABAR/BREVARD COUNTY, FL
REV#	DATE	Tree Work? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Designer/Stake? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mtr? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		DRAWN BY	J. PIERRE	
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.		Map Posting? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet	Duct Bank Feet	DATE	12/28/07	0 10 20 40 FEET	
Supervisor's Signature _____ Date _____		Permit Required? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CITY	DR. DIST.	COUNTY AIR	STATE RD		FWA
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.		Posted by	WVD	RR XING	COUNTY RD.	TRANSV.	FAA	DWG NO.
Foreman's Signature _____ Date _____		Telephone Request? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CATV Request? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	MAP NO. BW-0700		DWG NO. 4R960600 WR: 2993444 IWR: 1402-36-216		

04/11/08	2993444	0	12/28/07	PULL PRI CABLE & INSTALL B ₀ 50KVA TX TO PROVIDE SVC TO SERENE HARBOR
ASBUILT	AUTH NO.	NO.	DATE	REVISION



2



CONSTRUCTION NOTES - WO# 1937-07-227

TRENCH NOTES
 CENTERLINE OF TRENCH IS 5 FT OUTSIDE R/W
 EASEMENT: 10 FEET FRONT.
CUSTOMER INSTALLED CONDUIT
 CUSTOMER INSTALLED ALL CONDUIT
 CUSTOMER INSTALLED BACKBONE CONDUIT
CABLE
 1PN3C IS 1CC #1/0A 25KV-XPE IN 3-2"
OTHER NOTES
 ALL SERVICES TO BE INSTALLED, OWNED AN
STANDARD NOTES
 ALL TRANSFORMERS ARE DEADFRONT - LOV
 ALL CABLE AND/OR CONDUIT ENDS ARE TO
 (XXX') DENOTES CABLE PULL DISTANCE
 UNDERGROUND OBSTRUCTIONS ARE TO BE I
UTILITY CONTACT LIST
 CALL SUNSHINE 1-800-432-4770

**"NOT TO BE USED FOR CABLE LOCATES
 & MAY NOT ACCURATELY DEPICT THE
 LOCATIONS OF FPL FACILITIES -
 SCHEMATIC PRINT ONLY"**

UH 15.3.4
 INSTALL 1-2" U-GUARD
 ON NE QUAD
 FUSE A @ 10 "KS"
 4-8616-8626-0-3

B10
 4-8616-8626-0-3

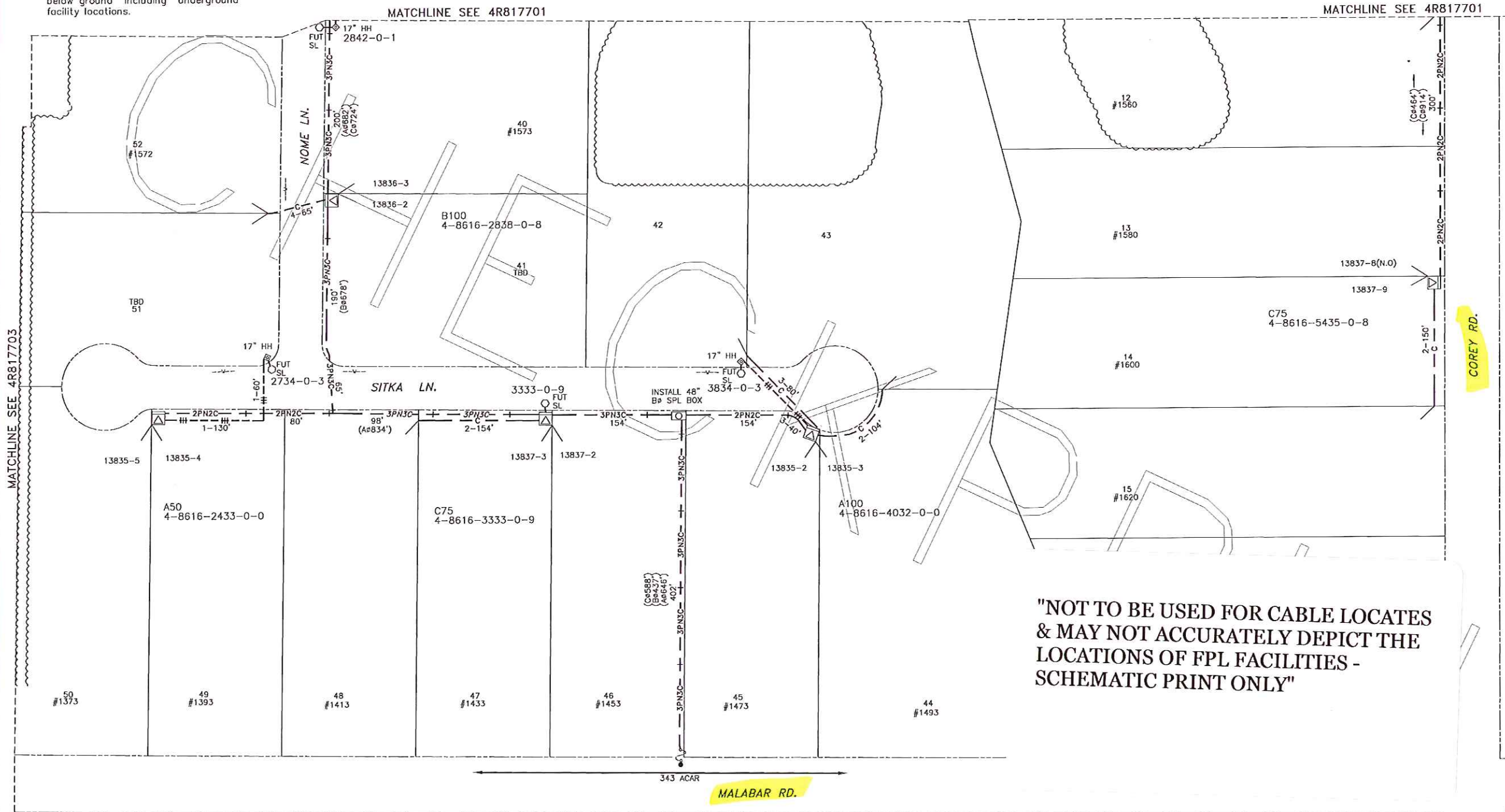
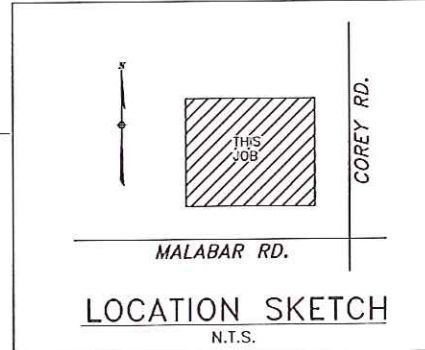
REFERENCE DWG's

AS-BUILT COPY		AS-BUILT CREW PRINT		Easement?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	DESIGNED BY HR THORNQUEST	DRAWN BY W WAGNER	DATE 5-30-97	MAP NO. P48516	DWG NO. 4R527600	WORK ORDER 1937 ER 07 LOC'N CODE 227
1937-07-227	1	5-30-97	ORIGINAL JOB RISER/CABLE/TX	Tree Work?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Designer/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mtr?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>						
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.				Map Posting?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet	1176'	Duct Bank Feet							
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.				DOB'S	IRO-02	CITY	DR. DIST.	COUNTY AIR	STATE RD						
Supervisor's Signature _____ Date _____				Posted by		WMD	RR XING	COUNTY RD.	TRANSM.						
Foreman's Signature _____ Date _____				Telephone Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>						CATV Request? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				

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

INACCESS/BLE 13KV FUTURE 23KV 23KV SALT SPRAY NULL

3



CHECK PRINT DATE: 03-22-06		
JOB NO.:	1492424	NO: 1
CADTECH:	M. ROMANO	
AT THE TRS/CSE OFFICE PH: 640-2364		
ROUTE TO	INITIAL	DATE
1		
2	R. CUMMINS	
DIM/SIZE OF FINAL PRINTS: D- E-		
SEND JOBPRINTS TO: BVA/MLJ		

"NOT TO BE USED FOR CABLE LOCATES & MAY NOT ACCURATELY DEPICT THE LOCATIONS OF FPL FACILITIES - SCHEMATIC PRINT ONLY"

REFERENCE DWG's

- 4R817701
- 4R817703
- 4S817704

CONSTRUCTION NOTES -- WR# 1492424

- REQUIRED DRAWINGS
- 4R817700 (CONST. NOTES)
- 4R817701
- 4R817702
- 4R817703
- 4S817704
- UTILITY CONTACT LIST
- CALL SUNSHINE 1-800-432-4770

A13835-1
B13836-1
C13837-1
INSTALL 1-5" U-GUARD
ON N. QUAD
FUSE A,B,C @ 80 "K"
4-8616-3725-0-9

PLOT DATE: 3/24/2006 PLOT TIME: 1:26:47 PM CAD NAME: MAM

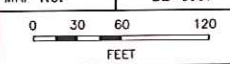
TWNP: 29S. RNG: 37E. SEC: 02NE QTR:

AS-BUILT COPY	AS-BUILT CREW PRINT	Easement?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
Initials	Cert. Date	Foreman's Signature	Date	Designer/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mtr?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.				Map Posting?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet	Duct Bank Feet		
Supervisor's Signature		Date		CITY		DR. DIST.	COUNTY AIR	STATE RD	FAA
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.				WWD	RR XING	COUNTY RD.	TRANSM.		
Foreman's Signature		Date		Posted by	Telephone Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CATV Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	



DESIGNED BY	R. CUMMINS
DRAWN BY	M. ROMANO
DATE	03/22/06
MAP NO.	BZ-0697

M/A: BV
STILLWATER PRESERVE
MALABAR ROAD @ COREY ROAD
MALABAR/BREVARD CNTY., FL
DWG NO. **4R817702**
WR: 1492424 IWR: 5125-49-216

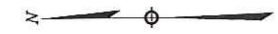
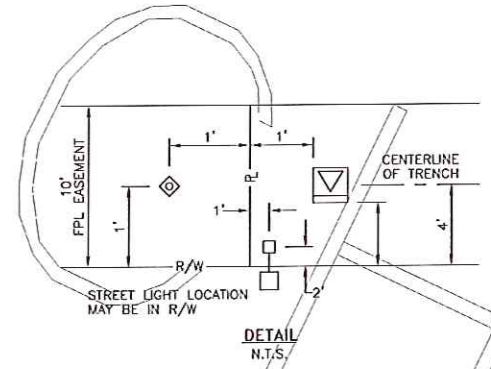


INACCESSIBLE 13KV FUTURE 23KV 23KV SALT SPRAY NULL

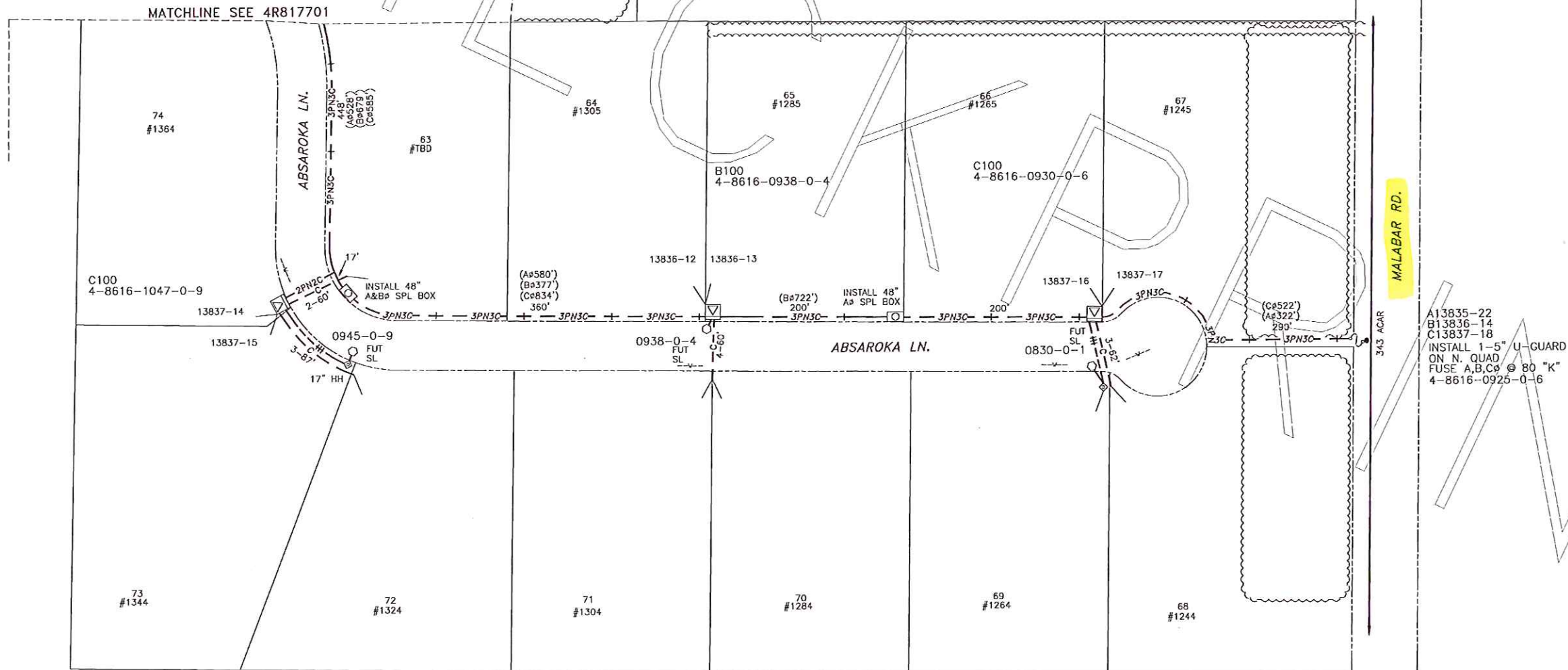
"NOT TO BE USED FOR CABLE LOCATES
& MAY NOT ACCURATELY DEPICT THE
LOCATIONS OF FPL FACILITIES -
SCHEMATIC PRINT ONLY"



4



CHECK PRINT		DATE: 03-22-06
JOB NO.:	1492424	NO: 1
CADTECH:	M. ROMANO	
AT THE TRS/CSE OFFICE PH: 640-2364		
ROUTE TO	INITIAL	DATE
1		
2	R. CUMMINS	
NUM/SIZE OF FINAL PRINTS:	D-	E-
SEND JOBPRINTS TO:	BVA/WLS	



INSTALL 1-5" U-GUARD
ON N. QUAD
FUSE A,B,C @ 80 "K"
4-8616-0926-0-6

REFERENCE DWG's

- 4R817701
- 4R817702
- 4S817704

CONSTRUCTION NOTES - WR# 1492424

- REQUIRED DRAWINGS
- 4R817700 (CONST. NOTES)
- 4R817701
- 4R817702
- 4R817703
- 4S817704
- UTILITY CONTACT LIST
- CALL SUNSHINE 1-800-432-4770

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

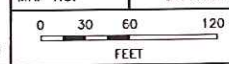
TWNP: 29S. RING: 37E. SEC: 02NE QTR:

AS-BUILT COPY	AS-BUILT CREW PRINT	Easement?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Prints	Print Date	Tree Work?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Designer/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mtr?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.		Map Posting?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet		Duct Bank Feet	
Supervisor's Signature _____ Date _____		Posted by		CITY	DR. DIST.	COUNTY AIR	STATE RD
Foreman's Signature _____ Date _____				WMD	RR XING	COUNTY RD.	TRANSM.
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.		Telephone Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CATV Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		



DESIGNED BY	R. CUMMINS
DRAWN BY	M. ROMANO
DATE	03/22/06
MAP NO.	BZ-0697

W/A: BV
STILLWATER PRESERVE
MALABAR ROAD @ COREY ROAD
MALABAR/BREVARD CNTY., FL
DWG NO. **4R817703**
WR: 1492424 IWR: 5125-49-216



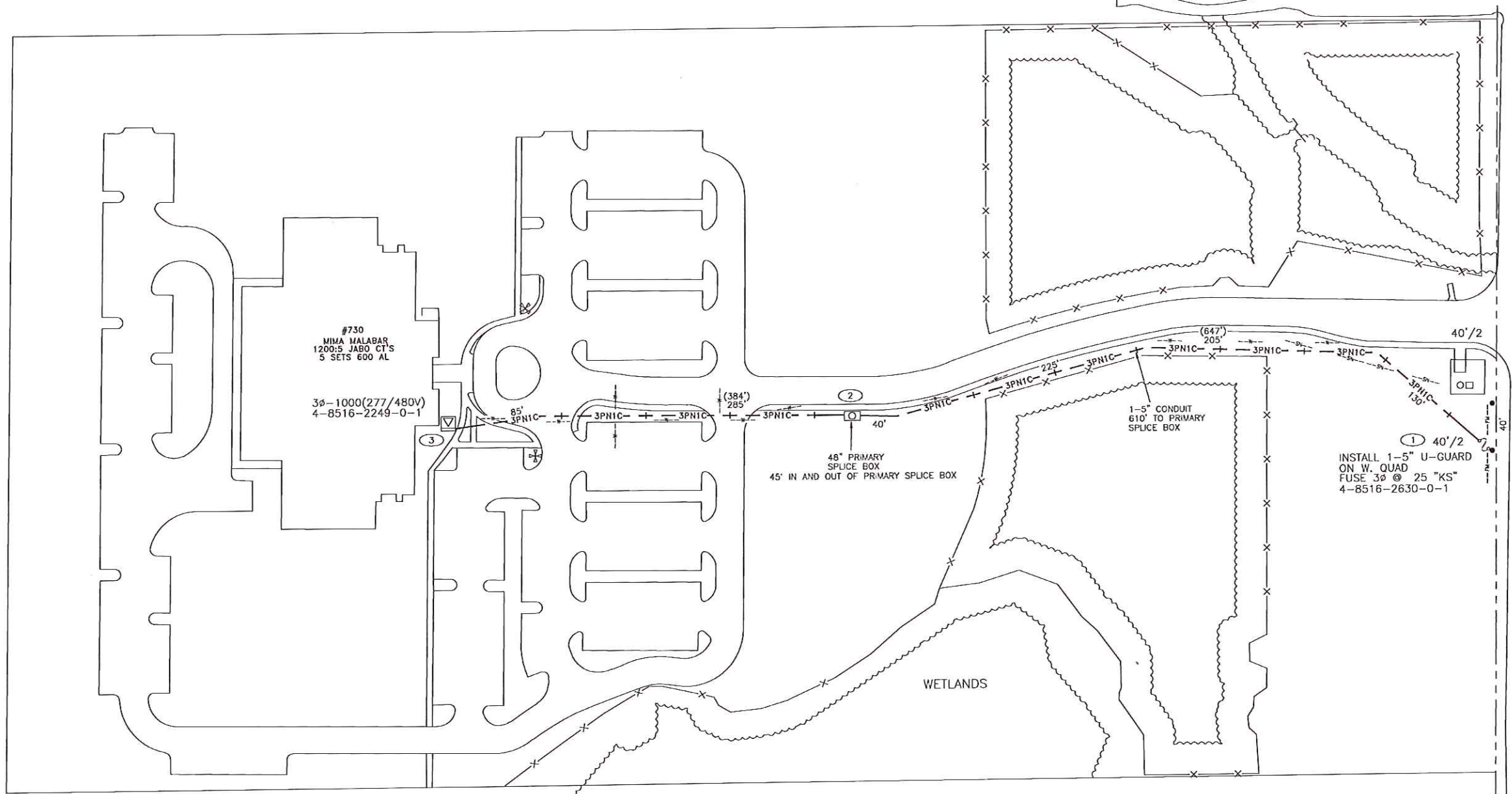
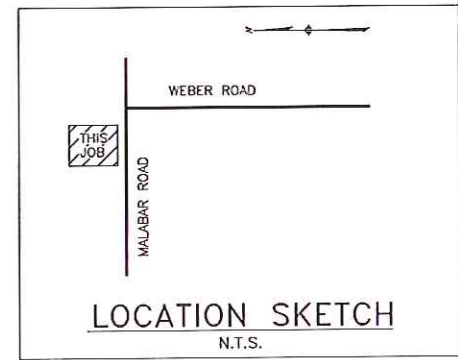
PLOT DATE: 3/24/2006 PLOT TIME: 1:24:04 PM CAD NAME: MAM

ASBUILT	AUTH NO.	NO.	DATE	REVISION
	1492424	1	03/22/06	CHANGE STREET NAMES AND ADD ADDRESSES @ STILLWATER PRESERVE
	1492424	0	03/30/05	PROVIDE U.G FACILITIES TO SVC STILLWATER PRESERVE, LOTS 1-74, INST 19-6300L ST LT ON 20' F.G POLES & PULL PRI CBL

INACCESSIBLE 13KV FUTURE 23KV 23KV SALT SPRAY

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

5



MALABAR RD
3# 568 & 3/0T-N 23KV

B15
4-8516-2730-0-6

"NOT TO BE USED FOR CABLE LOCATES & MAY NOT ACCURATELY DEPICT THE LOCATIONS OF FPL FACILITIES - SCHEMATIC PRINT ONLY"

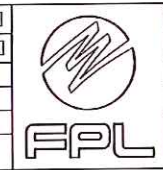
CONSTRUCTION NOTES - WR# 2910128
 REQUIRED DRAWINGS
 4R958600
 TRENCH NOTES
 MAINTAIN A MINIMUM OF 12" SEPARATION FROM ALL OTHER UTILITIES
 CUSTOMER INSTALLED CONDUIT
 CUSTOMER INSTALLED ALL CONDUIT CABLE
 3PNTIC IS 3CC #1/0A 25KV-XPE IN 1-5" PVC WITH 36" M/N COVER
 OTHER NOTES
 ALL SERVICES TO BE INSTALLED, OWNED AND MAINTAINED BY THE CUSTOMER
 STANDARD NOTES
 ALL CABLE AND/OR CONDUIT ENDS ARE TO BE MARKED WITH AN ELECTRONIC MARKER
 (XXX') DENOTES CABLE PULL DISTANCE
 UNDERGROUND OBSTRUCTIONS ARE TO BE LOCATED PRIOR TO DIGGING
 INSTALL NEUTRAL BOND FOR COMMUNICATION COMPANIES AT ALL SINGLE PHASE TRANSFORMERS PER D.C.S., G-11.0.0
 UTILITY CONTACT LIST
 CALL SUNSHINE 1-800-432-4770

REFERENCE DWG's

PLOT DATE: 1/11/2008 PLOT TIME: 10:52:48 AM CAD NAME: CXC

TWNP: 22 RING: 37 SEC: 3 QTR:

AS-BUILT COPY	AS-BUILT CREW PRINT	Easement?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
REQS	Cert. Date	Tree Work?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Designer/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mtr?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.		Map Posting?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet	Duct Bank Feet		
Supervisor's Signature		Date		CITY	DR. DIST.	COUNTY AIR	STATE RD
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.		Date		WMD	RR XING	COUNTY RD.	TRANSN.
Foreman's Signature		Date		Posted by	Telephone Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CATV Request?
Date		Date				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	

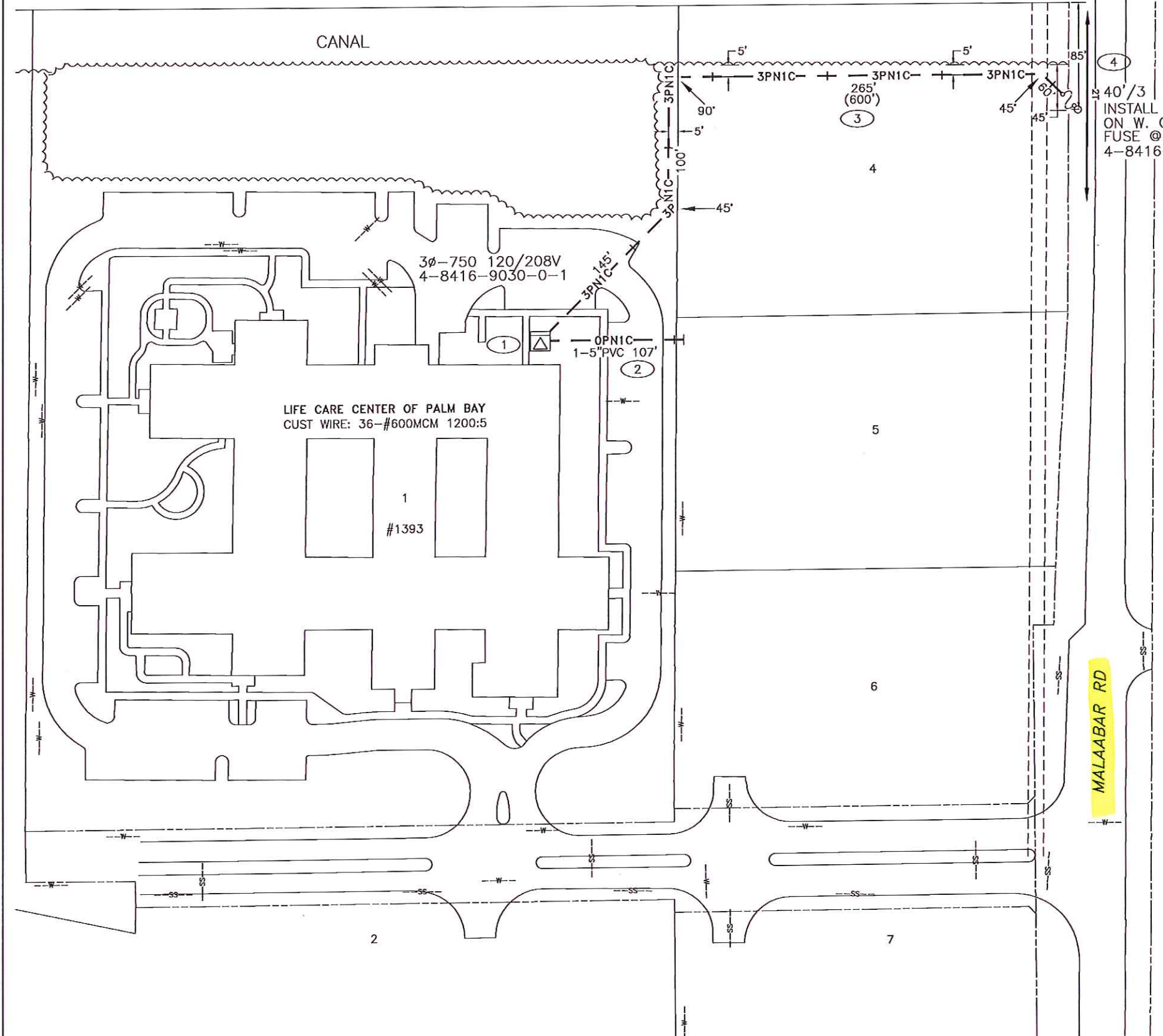
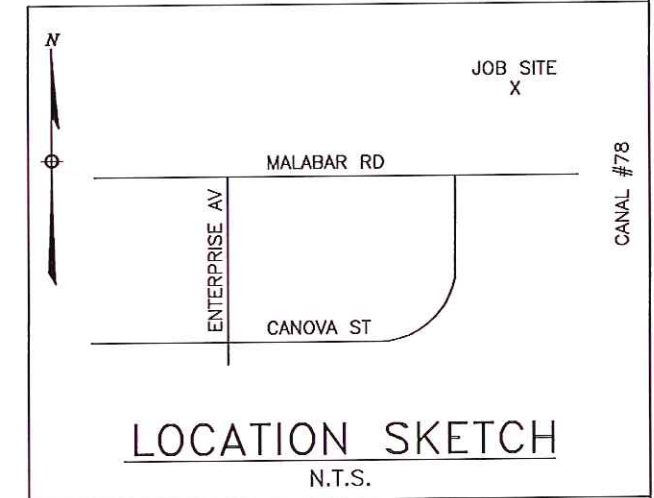


DESIGNED BY	C. SHEFFIELD
DRAWN BY	T. COLLINS
DATE	12/03/07
MAP NO.	BZ-0697

M/A: BV
 MIMA MALABAR
 730 MALABAR ROAD
 MALABAR, FL
 DWG NO. 4R958600
 WR: 2910128 IWR: 7008-35-216

2910128	0	12/03/07	PULL PRIMARY CABLE, INSTALL TX. TO PROVIDE SVC TO MIMA MALABAR
ASBUILT	AUTH NO.	NO.	DATE
REVISION			

INACCESSIBLE 13KV FUTURE 23KV 23KV SALT SPRAY NULL



6

CONSTRUCTION NOTES - WR# 535044

TRENCH NOTES
 EASEMENT: 10 FEET FRONT
 MAINTAIN A MINIMUM OF 12" SEPARATION FROM ALL OTHER UTILITIES

CUSTOMER INSTALLED CONDUIT
 CUSTOMER INSTALLED ALL CONDUIT
CABLE
 3PN1C IS 3CC #1/0A 25KV-XPE IN 1-5" PVC WITH 36" MIN COVER
OTHER NOTES
 ALL SERVICES TO BE INSTALLED, OWNED AND MAINTAINED BY THE CUSTOMER
STANDARD NOTES
 ALL CABLE AND/OR CONDUIT ENDS ARE TO BE MARKED WITH AN ELECTRONIC MARKER
 (XXX') DENOTES CABLE PULL DISTANCE
 UNDERGROUND OBSTRUCTIONS ARE TO BE LOCATED PRIOR TO DIGGING
UTILITY CONTACT LIST
 CALL SUNSHINE 1-800-432-4770

"Approximate Locations - Not Surveyed"

PLOT DATE: 6/3/03 PLOT TIME: 2:55:11 PM CAD NAME: SLBOLX3

TWNP: 28 ... RING: 37 ... SEC: 34 ... QTR: ...

AS-BUILT COPY		AS-BUILT CREW PRINT		Easement?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	DESIGNED BY ARCHIE ADAMS	DRAWN BY SEAN BECK	DATE 05/28/03	MAP NO. P48316	DWG NO. 4R745100	WR: 535044 IWR: 9186-43-216		
INCHES	Carl Date	Foreman's Signature	Date	Tree Work?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Designer/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mtr?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>							W/A: BV LIFE CARE CENTER OF PALM BAY 1393 MALABAR RD BREVARD COUNTY, FL	
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.																	
535044		0	05/28/03	PROVIDE SVC TO LIFE CARE CENTER OF PALM BAY													
ASBUILT	AUTH NO.	NO.	DATE	REVISION													
Supervisor's Signature _____ Date _____ All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.				Trench Feet 677'		Duct Bank Feet		CITY DR. DIST. COUNTY AIR STATE RD FAA WMD RR XING COUNTY RD. TRANSM.		Telephone Request? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		CATV Request? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		FPL		0 30 60 120 FEET	

Florida Power & Light Transmission



April 26, 2013

Mr. Pete Washio
Florida Power & Light Transmission
700 Universe Boulevard
Juno Beach, FL 33408

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. Washio,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer".

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

Mike Hammer

From: Washio, Peter H [Peter.H.Washio@fpl.com]
Sent: Tuesday, May 07, 2013 8:16 AM
To: Mike Hammer
Cc: Williams, Sue
Subject: 5/7/2013 FPID 430136-1-22-01 SR 514 (FPL Transmission)
Attachments: 430136-1 Project Limits.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Mike,

After a cursory review of your attached map, FPL transmission has 138KV overhead facilities within the proposed boundaries. I will be the one point of contact for FPL transmission if this project moves forward.

Please provide the preliminary contract plans when they become available for my review and green line markups.

What year is this project budgeted for? Will this project require new right-of-way to be acquired? What are the current letting date and construction start date?

Regards, Pete

Peter H. Washio
North Area & West Area Transmission Relocation Coordinator
Florida Power & Light Company
700 Universe Blvd. TS4/JW
Juno Beach, Florida 33408
561-904-3693
Peter.H.Washio@fpl.com

"Driving Performance Excellence-Transmission ONE"

*i) This document contains non-public transmission information and must be treated in accordance with the FERC Standards of Conduct and CES II.
ii) This message may contain confidential and/or privileged information of Florida Power & Light. If you are not the intended recipient please 1) do not disclose, copy, distribute or use this information. 2) advise the sender by return mail, and 3) delete all copies from your computer.
Your cooperation is greatly appreciated.*

From: Mike Hammer [<mailto:mhammer@omni-communications.com>]
Sent: Friday, April 26, 2013 9:16 AM
To: Williams, Sue
Subject: 430136-1 AsBuilt Request

April 26, 2013

Florida Power & Light – Distribution
Sue Williams
270 Pioneer Rd.
Merritt Island, FL 32953

RE: FPID: 430136-1-22-01

Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1

Design Ticket # 215202487-000

Dear: Ms. Williams,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

Mike Hammer

OMNI COMMUNICATIONS

8473 W. Linebaugh Ave.

Tampa, FL 33625

Phone # 813-852-1888

Fax # 813-852-1788

mhammer@omni-communications.com

Level 3 Communications



April 26, 2013

Level 3 Communications
Ms. Kelli Whitehead
1025 Eldorado Blvd
Broomfield, CO 80021

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Ms. Whitehead,

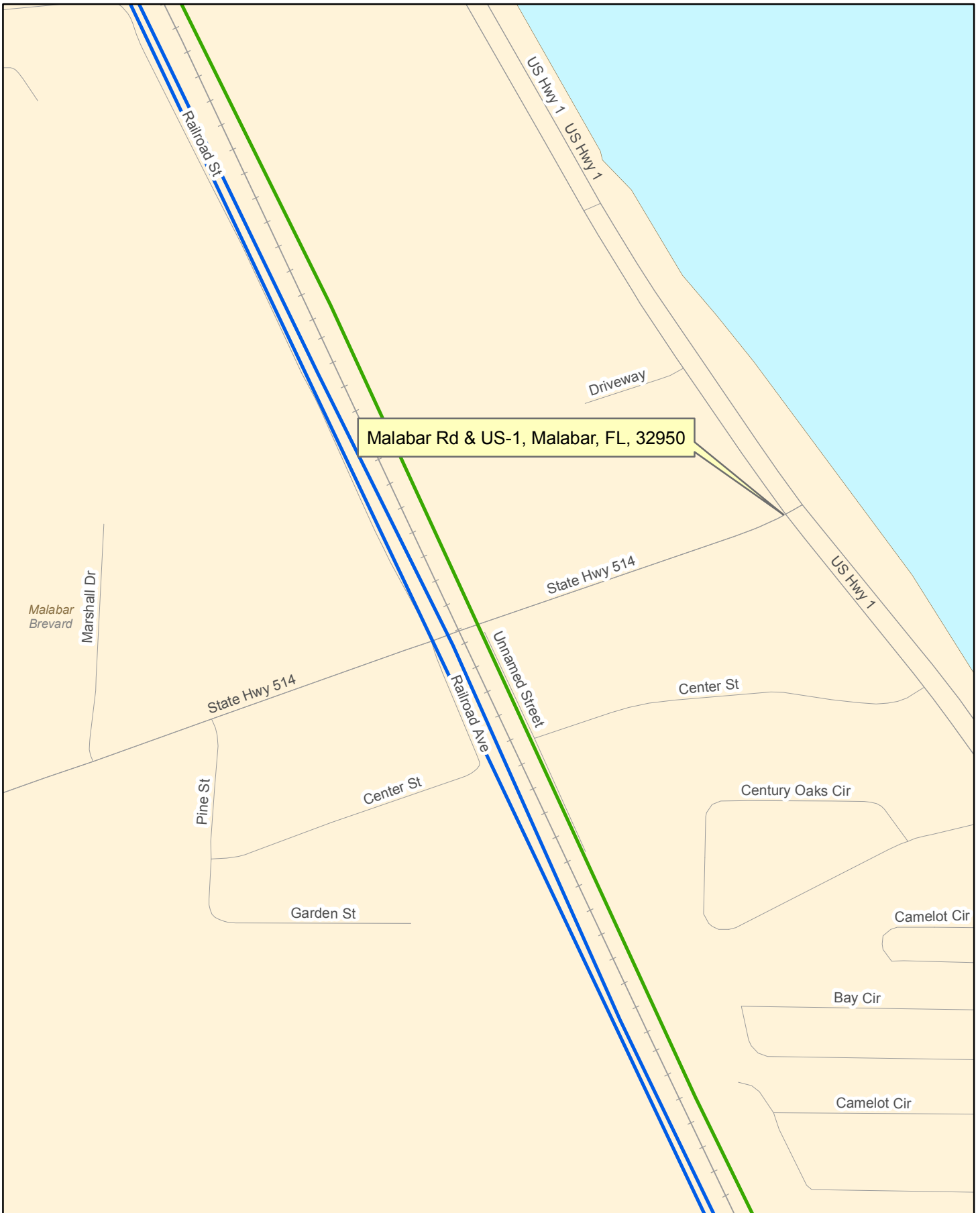
Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style.

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

8473 W. Linebaugh Avenue, Tampa, Florida 33625
Telephone: (813) 852-1888 Fax: (813) 852-1788



- Level 3 Facilities
- Non-Level 3 Fiber Optic Facilities

Note that the locations of Facilities shown on these drawings are only approximate and Level 3 hereby disclaims any responsibility to third parties for the accuracy of this information. Persons working in the area covered by these drawings must contact the statewide Call-Before-You-Dig System to ascertain the location of underground facilities prior to performing any excavation.

MCI



April 26, 2013

MCI Worldcom
Mr. John Bachelder
2400 N. Glenville Dr.
Richardson, TX 75082

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. Bachelder,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style.

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

MCI Communications Services, Inc.

11/01/2012

OMNI COMMUNICATIONS
ALAN BROOKS
8473 W. LINBAUGH AVENUE
TAMPA, FL 33625

430136-1

RE: FDOT PROPOSAL – UTILITY INFORMATION REQUEST
– SR-514 (MALABAR ROAD) FROM BADCOCK STREET TO US HWY. 1
– PALM BAY, BROWARD, FL

Verizon Business ID: 13563-2012

Dear Sir or Madam:

MCI has been notified by your office regarding the above referenced project.

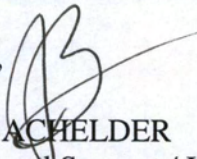
For your records, in reviewing the design prints received from your office, it has been determined that MCI does have facilities within your construction area and a conflict may exist. In order to avoid this potential conflict, it will be necessary for your construction to maintain a minimum of twenty-four (24) inches vertical clearance when crossing MCI facilities and sixty (60) inches horizontal clearance when your running line is parallel to our facilities.

The as-built drawings for this area are enclosed and are for information purposes only. **You must contact your local One Call System number at least 48 hours prior to any construction.** During construction it will necessary for us to monitor our facilities.

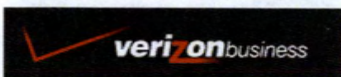
You should address future correspondence concerning the project to the attention of **OSP National Support/Investigations** at the above address. Please include the above **Verizon Business ID number.**

If you need further assistance with this project, please do not hesitate to me.

Sincerely,



JOHN BACHELDER
OSP National Support / Investigations
972-729-6322



Legend/Layer Attributes Search Results

Legend/Layer	Attributes	Search	Results
Transmedia			Layer Label
Buried		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FSRV_Buried		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aerial		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FSRV_Aerial		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Leased		<input checked="" type="checkbox"/>	<input type="checkbox"/>
FSRV_Leased		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Structures			Layer Label
Building Footprint		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Building		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pole		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tower		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Access Points			Layer Label
Access Points		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Span			Layer Label
Span		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FSRV_Span		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Equipment			Layer Label
Termination Panel		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Splice Closure			Layer Label
SpliceClosure		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Refresh Map

(RAILROAD R.O.W.)



Last Updated: 10-26-2012

POWERED BY
 © 2012 Microsoft Corporation © 2010 eAVTIR © AND
[Ospfm](#) | [Upgrade IE](#) | [AWSiats](#) | [Feedback](#)

malabar rd & badcock rd, fl Address/Intersection Search

Road Aerial Hybrid 18

Legend/Layer Attributes Search Results

Address Selected Features

Selected Attributes

Feature 1

Feature 2

MCI - 24 F

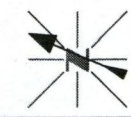
- TYPE_NAME : BURIED
- STATUS : EXS
- LENGTH : 19080
- LABEL : MCI - 24 F
- PROJ_NUM : 005813-03
- ALIAS :
- PRL_NUM :
- PROJ_NAME : JACKSONVILLE, FL TO MIAMI, FL
- RID : 57097

WORLDCOM - 12 F

- TYPE_NAME : DBURIED
- STATUS : EXS
- LENGTH : 25079
- LABEL : WORLDCOM - 12 F
- PROJ_NUM : RACKLDDS3
- ALIAS :
- PRL_NUM :
- PROJ_NAME : JACKSONVILLE, FL TO VERO BEA
- RID : 57388



bing 80.5663,28.00356



PROJECT: **05813-03**
 SPAN: **F**
JACKSONVILLE, FL
 TO
MIAMI, FL

MAP FOOTAGE
 SURVEY 0 LF
 RAILROAD 0 LF

MATERIAL LIST	QUANTITY
CABLE	
4" GIP	
4" PVC	
CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH	
MH	
BUR. CA. MKRS.	
10M STRAND	
10" STEEL CASING	

MCI
 TELECOMMUNICATIONS CORPORATION
 LIGHTWAVE SYSTEMS
 TITLE: FIBER OPTIC CABLE ROUTE
 FLORIDA

DATE: **01/04/96**
 ENGINEER **DG**
 DRAWN BY:
 REVISIONS

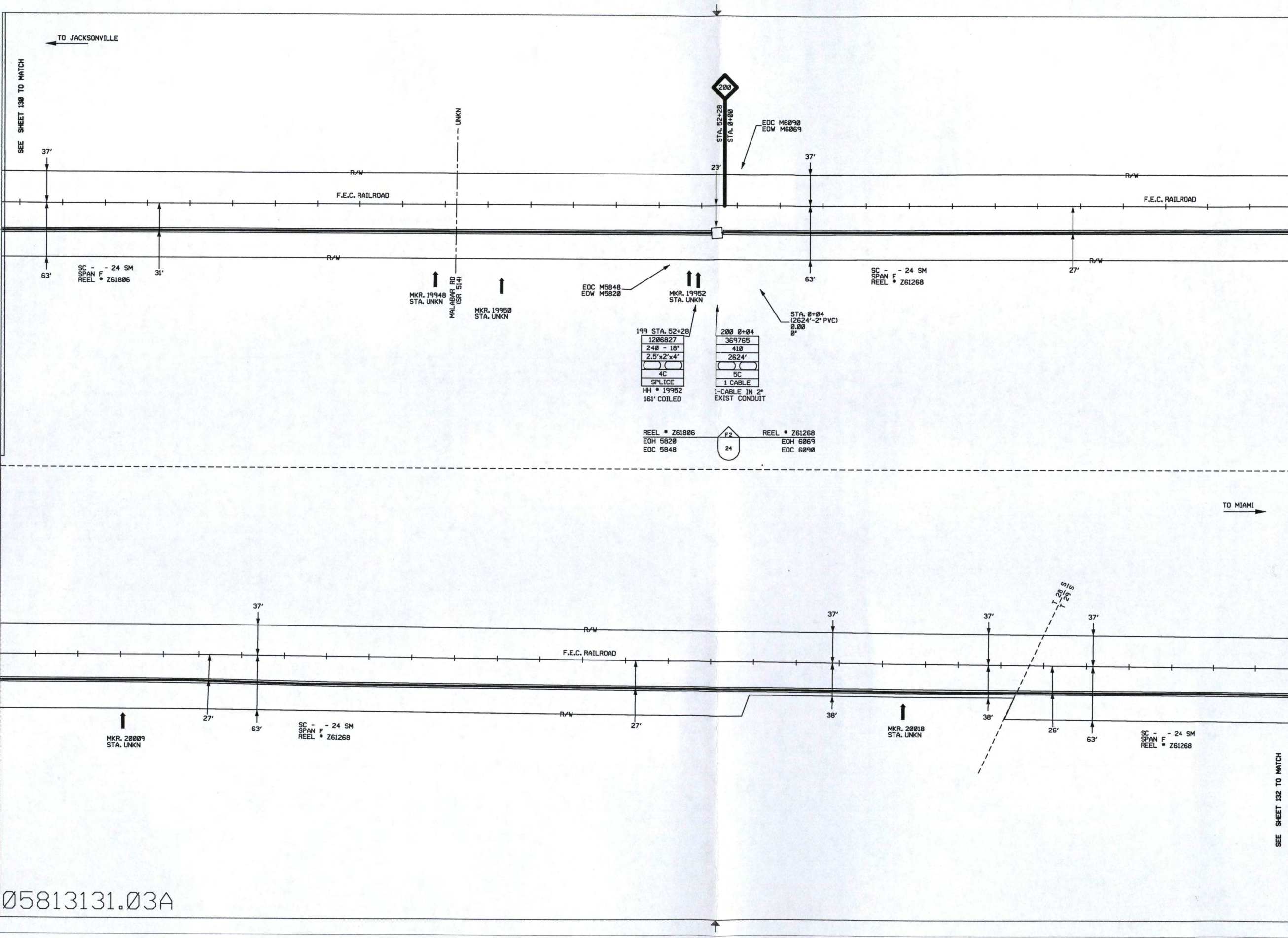
DATE	DESCRIPTION	INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
 XXX = .02 XXXX = .010
 ANGLES = 30" FRACTIONS = 1/32"

SCALE

DEPT.ID. LOC.ID.
 MP **0** TO MP **0**
 SHEET **131** OF **0**
 DWG. NO.
05813131.03A



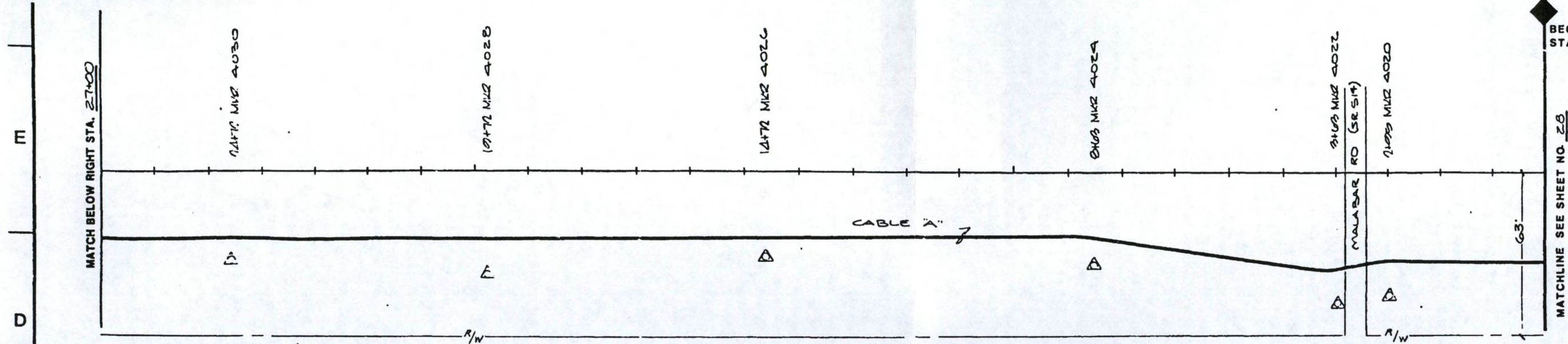
05813131.03A

REVISIONS			
LTR	DESCRIPTION	DATE	APVD

CAUTION !!!
 CABLE DISTANCE VARIES FROM CENTER LINE OF
 TRACK BETWEEN MARKERS. FOR LINE LOCATES
 "CALL 1-800-492-3100"
 48 HRS. PRIOR TO ANY CONSTRUCTION,
 WITHIN VICINITY OF MICROTEL'S FIBER OPTIC CABLE.

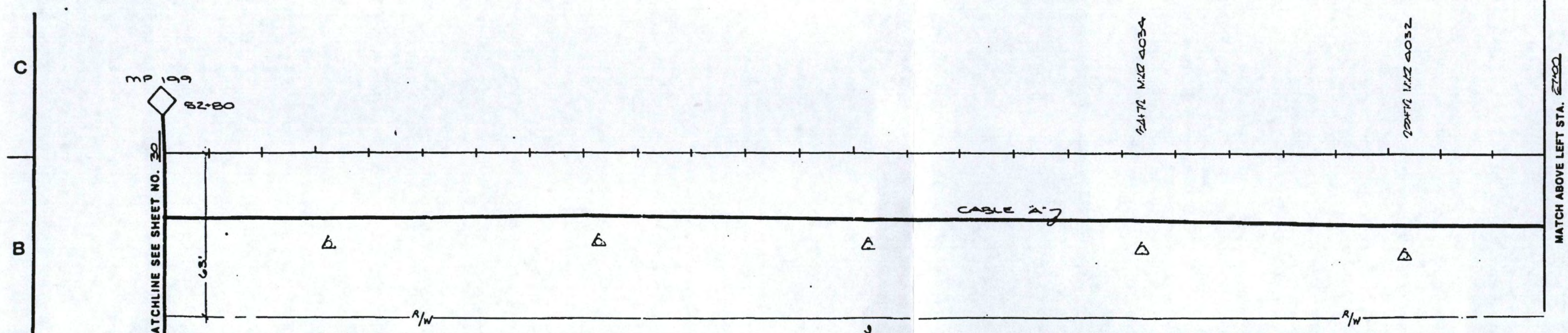


NOTE:
 CABLE MARKER STATION MEASUREMENTS TAKEN -
 BY WALKING ALONG WEST RAIL OF TRACK.
 CABLE MARKER OFFSET MEASUREMENTS TAKEN -
 FROM CENTER LINE OF TRACK.



BEG. M.P. MKR. 200
 STA. 0+00

MATCHLINE SEE SHEET NO. 28



MATCH ABOVE LEFT STA. 27+00

JUL 24 1986
 BREVARD CO., FLORIDA
 COUNTY STATE

MICROTEL 7100 W. CAMINO REAL
 BOCA RATON, FLA. 33433
 (305) 392-2244

FILE POST #	STATION NUMBER	MARKER NUMBER	DISTANCE FROM MARKER TO CABLE "A"	DISTANCE FROM MARKER TO CABLE "B"	DISTANCE FROM MARKER TO CENTER LINE OF TRACK
200	2700	4020	11'-11"		44'-6"
200	2700	4022	10'-10"		47'-6"
200	2700	4024	7'-10"		51'-6"
200	2700	4026	5'-9"		55'-6"
200	2700	4028	3'-8"		59'-6"
200	2700	4030	1'-8"		63'-6"
200	2700	4032	0'-0"		67'-6"
200	2700	4034	0'-0"		71'-6"
200	2700	4036	0'-0"		75'-6"
200	2700	4038	0'-0"		79'-6"
200	2700	4040	0'-0"		83'-6"
200	2700	4042	0'-0"		87'-6"
200	2700	4044	0'-0"		91'-6"
200	2700	4046	0'-0"		95'-6"
200	2700	4048	0'-0"		99'-6"

MATERIAL	REQ'D		PLACED	
CABLE				
CONDUIT				
SIP/BBP				
HANDHOLE				
POLES				
ANCHORS				
STRAND				

NAME	DATE	PROJECT NO.
TITLE	FIBER OPTIC CABLE NETWORK AS BUILT	
	PHASE II B MILE 200	
SIZE	DRAWING NO.	REV.
D		
SCALE	SHEET 29 OF 58	LTR

BVDIB 00029

Sprint/Nextel



April 26, 2013

Sprint Nextel
Mark Caldwell
201 E. Pine St., Suite 1306
Orlando, FL 32801

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

Dear: Mr. Caldwell,

Omni Communications has been contracted by the Florida Department of Transportation to coordinate with all of the utility owners on the above mentioned project. We have attached a map with project limits highlighted. At this time we are requesting any As-Builts, Atlas Maps, P-Pages, Record Drawings or GIS Maps showing the utilities you have on this project along with the correct contact person for this project by **May 24, 2013**. If the records that you are sending back to us are larger than 11" x 17", **please send two copies**. If you have any questions or concerns, please address them to Omni Communications. We look forward to working with you on this and future projects.

Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style with a large initial "M".

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com

TW Telecom



April 26, 2013

TW Telecom
Mike Garrison
485 N. Keller Rd., Suite 551
Maitland, FL 32751

RE: FPID: 430136-1-22-01
Description: SR 514 (Malabar Rd.) from SR 507 (Babcock St) to US 1
Design Ticket # 215202487-000

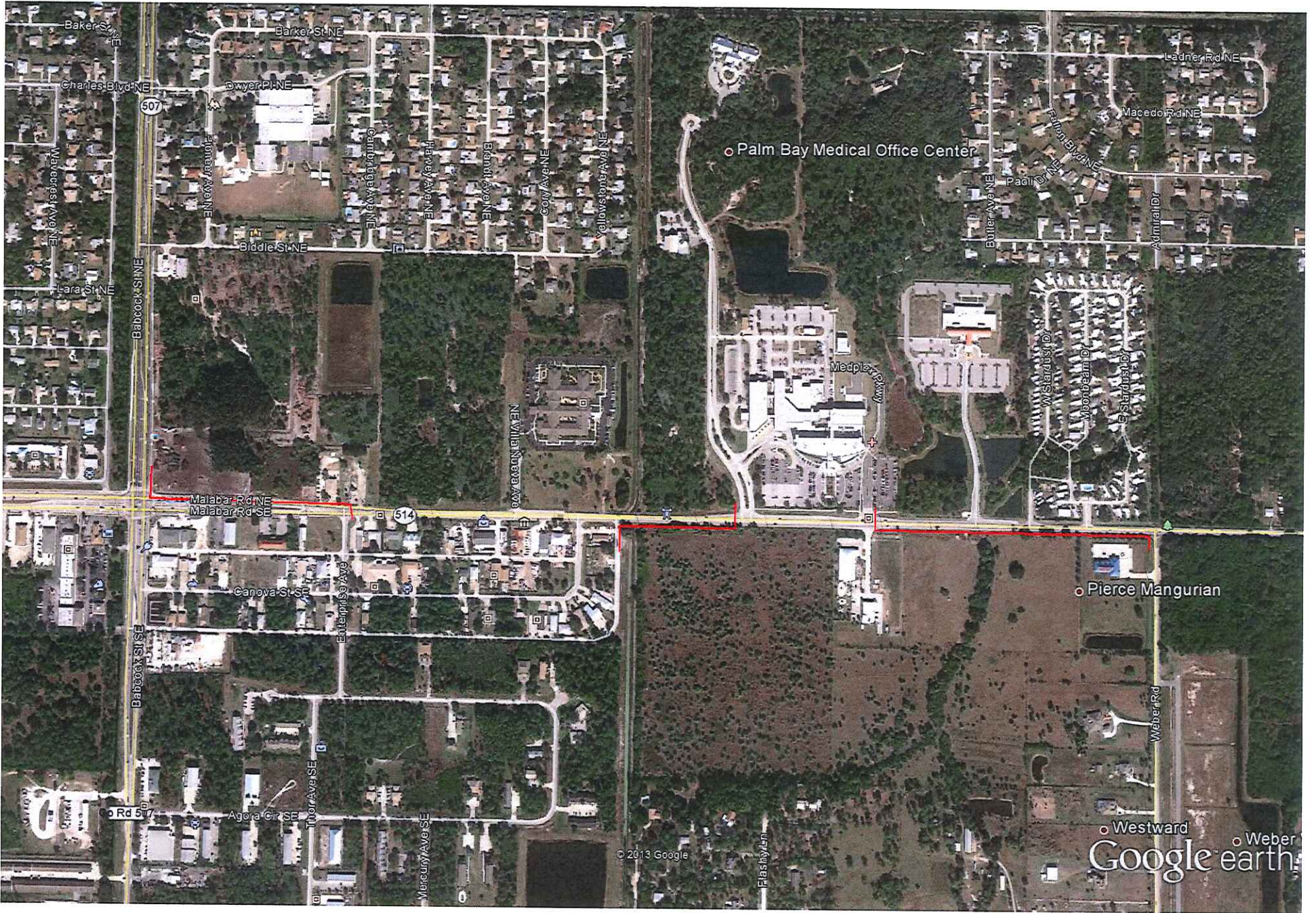
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Sincerely,

A handwritten signature in black ink that reads "Mike Hammer". The signature is written in a cursive style.

Mike Hammer
OMNI COMMUNICATIONS
8473 W. Linebaugh Ave.
Tampa, FL 33625
Phone # 813-852-1888
Fax # 813-852-1788
mhammer@omni-communications.com



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