

RESOLUTION NO. 2017- 78

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS AND AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO EXECUTE THE SECOND AMENDMENT TO COMMUNICATIONS TOWER LEASE AGREEMENT WITH NEW CINGULAR WIRELESS PCS, LLC. / AT&T MOBILITY, LLC. FOR MODIFICATIONS TO THE EQUIPMENT ON THE FLAGLER ESTATES TOWER.

RECITALS

WHEREAS, St. Johns County and New Cingular Wireless PCS, LLC/AT&T Mobility LLC (“AT&T”) entered into a Communication Tower Lease Agreement dated May 7, 2013 as amended by First Amendment to St. Johns County Non-Exclusive Communications Tower Lease Agreement dated August 22, 2013 (collectively, the “Agreement”), approved in Resolution 20013-108 and Resolution 2013-166, respectively, with respect to the land and tower located at 9685 Light Avenue; and,

WHEREAS, AT&T desires to upgrade and replace antennas and associated equipment at the Premises to improve service in the area, and has provided construction plans and a structural report.

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of St. Johns County, Florida, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such recitals are adopted as findings of fact.

Section 2. The Board of County commissioners hereby approves the terms and authorizes the County Administrator, or designee, to execute two originals of the Second Amendment to Communication Tower Lease Agreement, attached hereto as Exhibit “A”, incorporated by reference and made a part hereof, in substantially the form attached hereto, and any future amendments to the Agreement that do not substantially change the material terms and conditions of the Agreement.

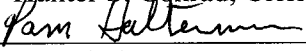
Section 3. To the extent that there are typographical errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

Section 4. The Clerk is instructed to file the Second Amendment to Communication Tower Lease Agreement in the Clerk’s Office.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 7th day of March, 2017.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA

By: 
James K. Johns, Chair

ATTEST: Hunter S. Conrad, Clerk
By: 
Deputy Clerk

RENDITION DATE 3/9/17



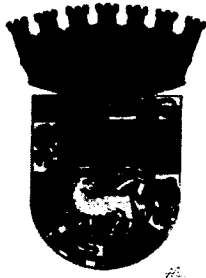


EXHIBIT "A" TO RESOLUTION

**SECOND AMENDMENT TO
ST. JOHNS COUNTY NON-EXCLUSIVE
COMMUNICATIONS TOWER LEASE AGREEMENT**

THIS SECOND AMENDMENT TO COMMUNICATIONS TOWER LEASE AGREEMENT ("Amendment"), dated _____, 2017, is made by and between St. Johns County, a political subdivision of the State of Florida, having administrative offices located at 500 San Sebastian View, St. Augustine, Florida 32083 ("Lessor"), and New Cingular Wireless PCS, LLC, a Delaware limited liability company, authorized to do business in the State of Florida, having a mailing address of Suite 13-F West Tower, 575 Morosgo Drive, Atlanta, GA 30324 (Lessee").

WITNESSETH:

WHEREAS, Lessor and Lessee into a Communications Tower Lease Agreement dated May 7, 2013, as amended by First Amendment to St. Johns County Non-Exclusive Communications Tower Lease Agreement dated August 22, 2013 (collectively, the "Agreement") with respect to the land and tower located at 9685 Light Avenue, Hastings, Florida 32145 in St. Johns County, Florida ("Premises"); and,

WHEREAS, Lessee desires to upgrade and replace antennas and associated equipment at the Premises, and update the construction plans and lease equipment schedule to reflect the equipment change.

NOW, THEREFORE, in consideration of the mutual representations herein contained, Lessor and Lessee agree as follows:

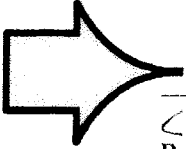
SECTION 1. Exhibit B to the Agreement (Prerequisites) and Exhibit D to the Agreement (Lessee Equipment Schedule) are deleted in their entirety and replaced with Amended Exhibit B and Amended Exhibit D, respectively, attached hereto and incorporated herein by reference.

SECTION 2. Except as specifically set forth above, this Amendment shall in no way modify, alter or amend the remaining provisions of the Agreement, all of which shall remain in full force and effect. To the extent that there is any conflict between the provisions of the Agreement and this Amendment, the provisions of this Amendment will govern and control.

FAT# 10150006

IN WITNESS WHEREOF, the parties have caused the Amendment to be effective as of the last date written below.

WITNESSES:



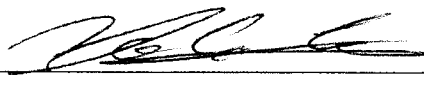
Print Name: _____

Print Name: _____

WITNESSES:



Print Name: **Amy M. Meek**



Print Name: **José A. Cruz**

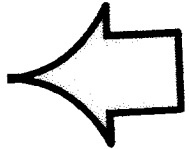
LESSOR

St. Johns County, a political subdivision
of the State of Florida

By: Michael D. Wanchick


Its: County Administrator

Date: _____



LESSEE

New Cingular wireless PCS, LLC
By: AT&T Mobility Corporation
Its: Manager



By: **Henry Galan**
Area Manager
RE & Construction




Its: _____

Date: **2/13/17**

Amended Exhibit B Prerequisites (Page 2 of 14)

G01 Communications - 11/07-2016 PROJECTS/27--High Performance/Vloger Estates_10150006/Design (20-35)\10150006 FLAGLER ESTATES 20-35 C3.dwg December 7, 2016 9:04:31 AM

1. ALL REFERENCES TO OWNER HEREON SHALL BE CONSIDERED TO MEAN A181 OR ITS DESIGNATED REPRESENTATIVE.
 2. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE DESIGNED HEREON BY ACCEPTANCE OF THE ASSIGNED THE CONTRACTOR'S AUTHORITY THAT HE OR SHE HAS TO SUFFICIENT EXPERIENCE AND ABILITY THAT HE OR SHE IS QUALIFIED TO PERFORM THE WORK IN THE STATE OF FLORIDA AND PROPERLY REGISTERED TO DO THE WORK IN THE STATE OF FLORIDA COUNTY IN WHICH IT IS TO BE PERFORMED.
 3. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREON AND TO THE PROVISIONS TO BE USED ON THIS PROJECT.
 4. ALL MANUFACTURING ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREON.
 5. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE.
 6. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE THIRD PARTY CONSULTANT BEFORE THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE.
 7. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY. ALL MATERIALS AND EQUIPMENT SHALL BE APPROVED BY THE OWNER AND ENGINEER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND LOCAL, STATE AND FEDERAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND TO PROTECT THEM FROM DAMAGE.
 9. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCAL CODES AND ORDINANCES IN FORCE AT THE TIME OF CONSTRUCTION.
 10. ALL PROPOSED EXISTING CONDITIONS AND FEATURES SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE THIRD PARTY CONSULTANT BEFORE THE COMMENCEMENT OF CONSTRUCTION.
 11. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE EXISTING CONSTRUCTION ACTIVITY, INCLUDING WORK APPROVALS AND MATERIALS ACCESS, WITH THE RESIDENT LEASING AGENT FOR THE PROJECT.
 12. PERFORMANCE RELATED SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
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 12. PERFORMANCE RELATED SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

 1101 GUNBARROW BLVD SUITE 100 FT. LAUDERDALE, FL 33304 TEL: (954) 771-2200 FAX: (954) 771-2201 WWW.ATANDT.COM	 HIGH PERFORMANCE HIGH SERVICES, LLC 1101 GUNBARROW BLVD SUITE 100 FT. LAUDERDALE, FL 33304 TEL: (954) 771-2200 FAX: (954) 771-2201 WWW.HPS-LLC.COM	 HIGH RISE 1101 GUNBARROW BLVD SUITE 100 FT. LAUDERDALE, FL 33304 TEL: (954) 771-2200 FAX: (954) 771-2201 WWW.HIGHRISE.COM	DECEMBER 07, 2016 SALES P. SAHARU, PE 11 PROFESSIONAL FUNDING & FINANCE	FLAGLER ESTATES PA 2101500006 9668 LIGHT AVENUE HOUSTONS, FL 32145 WEST COAST GENERAL NOTES ABREVIATIONS SHEET NUMBER GN-1
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Amended Exhibit B Prerequisites (Page 5 of 14)

GDT Communications - F:\00-2016 PROJECTS\27-High Performance\logos - Estates_10150006\Drawn (20-30)\10150006 FLAGLER ESTATES 20-30 CD.dwg December 7, 2016 9:04:34 AM in:room

DESCRIPTION	MODEL NUMBER	QUANTITY
SH-2 HANGER	SH-2-0013	230
HANGER ADAPTER GROMMET	CR-20-10011	230
HANGER GIP	CR-20-10020	2
HANGER GIP	CR-20-10020	1
DETAILS BY		

MISCELLANEOUS MATERIALS SCHEDULE

NOTE: TO BE OBTAINED BY THE CONTRACTOR AND DELIVERED TO THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE MATERIALS LISTED IN THIS SCHEDULE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE MATERIALS LISTED IN THIS SCHEDULE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE MATERIALS LISTED IN THIS SCHEDULE.

HANGER ADAPTER GROMMET DETAILS

DETAILS BY: [Signature]

ANTENNA GROUNDING SCHEMATIC

1. ANTENNA GROUNDING SCHEMATIC
2. ANTENNA GROUNDING SCHEMATIC
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DC-2 MOUNT DETAIL

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9. DC-2 MOUNT DETAIL
10. DC-2 MOUNT DETAIL

 at&t COMMUNICATIONS AND VIDEO SERVICES 111 WEST BAY STREET SUITE 200 WEST PALM BEACH, FL 33411 TEL: (561) 771-1000 FAX: (561) 771-1000	 HIGH PERFORMANCE ENGINEERING 111 WEST BAY STREET SUITE 200 WEST PALM BEACH, FL 33411 TEL: (561) 771-1000 FAX: (561) 771-1000	NOVEMBER 07, 2016 FLAGLER ESTATES FA 21050006 9888 LIGHT AVENUE WEST PALM BEACH, FL 33411	MISCELLANEOUS DETAILS 8-2
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Amended Exhibit B Prerequisites (Page 6 of 14)

G01: Communications - 1:\00-2018 PROJECTS\Z7-High Performance\Flagler Estates_10150006\Design (ZC-3C)\10150006 FLAGLER ESTATES ZC-3C CD.dwg December 7, 2018 9:04:34 AM mrcan

<p>RRUS-32 DETAIL SCALE: 1/4\"/> </p> <p>NOTE: UNIT CAN ONLY BE MOUNTED ON SOLAR SHADE.</p>	<p>RRUS-32 B2 DETAIL SCALE: 1/4\"/> </p> <p>NOTE: UNIT CAN ONLY BE MOUNTED ON SOLAR SHADE.</p>	<p>RRU MOUNTING DETAIL SCALE: 1/4\"/> </p> <p>NOTE: IS ENGINEER/ CONTRACTOR TO VERIFY UNIT MOUNTING FROM ANTENNA CONNECTION.</p>	<p>ANTENNA MOUNTING DETAIL SCALE: 1/4\"/> </p> <p>NOTE: IS ENGINEER/ CONTRACTOR TO VERIFY UNIT MOUNTING FROM ANTENNA CONNECTION.</p>
<p>RRU MOUNTING DETAIL SCALE: 1/4\"/> </p> <p>NOTE: IS ENGINEER/ CONTRACTOR TO VERIFY UNIT MOUNTING FROM ANTENNA CONNECTION.</p>	<p>ANTENNA MOUNTING DETAIL SCALE: 1/4\"/> </p> <p>NOTE: IS ENGINEER/ CONTRACTOR TO VERIFY UNIT MOUNTING FROM ANTENNA CONNECTION.</p>	<p>ANTENNA MOUNTING DETAIL SCALE: 1/4\"/> </p> <p>NOTE: IS ENGINEER/ CONTRACTOR TO VERIFY UNIT MOUNTING FROM ANTENNA CONNECTION.</p>	<p>ANTENNA MOUNTING DETAIL SCALE: 1/4\"/> </p> <p>NOTE: IS ENGINEER/ CONTRACTOR TO VERIFY UNIT MOUNTING FROM ANTENNA CONNECTION.</p>

RECEIVED BY: 2018
MAILED BY: MAILBOX, PG
1-303-555-0000 (LOCAL) 1-724-3

FLAGLER ESTATES
FA 110150006
3808 LIGHT AVENUE
WESTON, FL 32183

OTHER INFORMATION:
MISCELLANEOUS
DETAILS

S-3

POSTED BY:
USA ENGINEERING
2170 W. STATE ROAD 100
MILWAUKEE, WI 53241
P: 414-224-2000
F: 414-224-2001

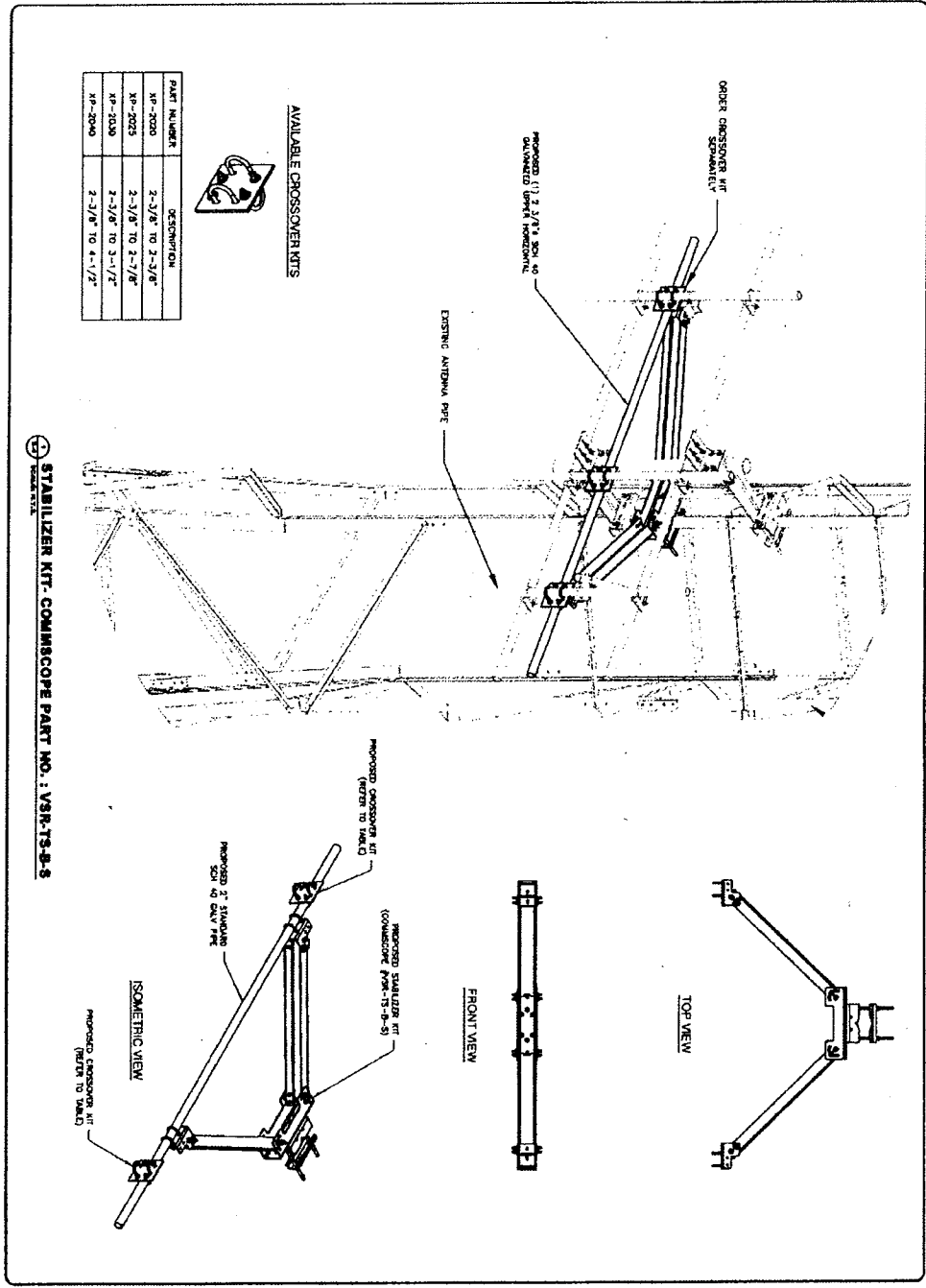
**HIGH PERFORMANCE
SERVICES, LLC**
1100 COMMERCIAL AND
INDUSTRIAL PARK
MILWAUKEE, WI 53241
P: 414-224-2000
F: 414-224-2001

at&t
1100 COMMERCIAL AND
INDUSTRIAL PARK
MILWAUKEE, WI 53241
P: 414-224-2000
F: 414-224-2001

REV	DATE	DESCRIPTION
1		
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10		

Amended Exhibit B Prerequisites (Page 7 of 14)

OFF Communications - 1_00-2015 PROJECTS\27-High Performance Vloger Estates_10150006\Design (20-5)\10150006 FLAGLER ESTATES 20-30 CD.dwg December 7, 2016 9:04:35 AM inrcm



AVAILABLE CROSSOVER KITS

PART NUMBER	DESCRIPTION
XP-2000	2-3/8" TO 2-3/8"
XP-2025	2-3/8" TO 2-7/8"
XP-2030	2-3/8" TO 3-1/2"
XP-2040	2-3/8" TO 4-1/2"

Ⓢ **STABILIZER KIT - COMMSCOPE PART NO. : VSR-TS-B-S**

 at&t 1701 COMMERCIAL BLVD FORT WORTH, TX 76104 TEL: (817) 771-1200 FAX: (817) 771-1200	 USA HIGH PERFORMANCE ENGINEERING 11111 WEST SHORE DRIVE FORT WORTH, TX 76133 TEL: (817) 282-2800 FAX: (817) 282-2800	RECOMMENDED BY: 12/15/16 NAME: P. HASTINGS, PE LICENSE NO.: 271100011-1-6 (1) 10/20/2015 (2) 10/20/2016 (3) 7/2/2015	FLAGLER ESTATES 7A 010100000 GAS LIGHT AVENUE HASTINGS, TX 76115 THE RECEPTION MISCELLANEOUS DETAILS SHEET NUMBER S-4
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Amended Exhibit B
Prerequisites (Page 9 of 14)



2130 Ashley Oaks Circle Suite 102
Wesley Chapel, Florida 33544
(813) 994-0365
www.usa-engineering.com

Date: November 9, 2016



Subject: Structural Analysis Report - LTE 3C (REV 2 RFDS)

Carrier Designation: AT&T IMPROVEMENT - LTE 3C
Carrier Site Number: 10150006_FLAGLER ESTATES

Laurie Fullerton
111 East Saint Peter St
Cairo, LA 70520
P: 337-565-2921

Site Data: 9685 LIGHT AVENUE, HASTINGS
FL 32145 (SAINT JOHNS COUNTY)
Latitude 29.6635111°, Longitude -81.4473417°
250 Foot - Self Support Tower

Dear Ms. Fullerton,

Goff Communications, Inc. is pleased to submit this "Structural Analysis Report" to determine the structural integrity of the above referenced structure to resist the proposed loading(s) as specified within this report.

THE ANALYSIS HAS BEEN PERFORMED FOR THE FOLLOWING CRITERIA:					
Applicable Codes:	Florida Building Code-2014 (5th Edition)	ASCE-7-10	TIA-222-9 Addendum 2		
Wind Speed:	Vult = 155 mph (3 Second Gust)		Vult = 120.06 mph (3 Second Gust)		
Exposure Category:	C	Structure Class:	II	Radial Ice Thickness:	0.0"
Importance Factor:	1.15	Topographic Category:	I	Seismic Response:	N/A

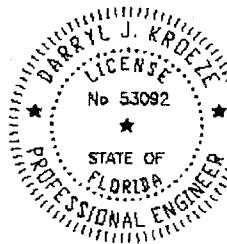
Based on our analysis, we have determined the stress levels of the structure and the foundation system, under the following loads case, to be as follows:

LOAD CASE(S)	TOWER ANALYSIS (Stress)	FOUNDATION ANALYSIS (Stress)
LC1: Existing loading + AT&T Proposed Loading LTE 3C	Sufficient Capacity	Sufficient Capacity
<small>Appearance Loading - Table 1.1 Structural Analysis Results - Table 2.1 Foundation Analysis Results - Table 3.1 * All analysis designated as "To Be Verified" shall require a "Recheck" analysis prior to installation.</small>		

We at Goff Communications, Inc. appreciate the opportunity of providing our continuing professional services to you and High Performance. If you have any questions or need further assistance on this or any other projects, please feel free to contact us.

Submitted by:

Sephin Abu Aim, MCE
Project Manager



This item has been electronically signed and sealed by Darryl J. Kroeze, P.E., FL License #53092 using a Digital Signature.

Printed Copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Nov 10 2016

Darryl J. Kroeze

Darryl J. Kroeze, P.E.
President
FL PE No. 53092
COA No. 31705

Digitally signed by Darryl J. Kroeze
DN: c=US, st=Puerto Rico, o=Colegio de Ingenieros y Agrimensores de Puerto Rico, title=24444 PE, cn=Darryl J. Kroeze, email=dj.kroeze@bice-sign.com
Date: 2016.11.10 17:40:10 -0500'

Amended Exhibit B
Prerequisites (Page 10 of 14)



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Westley Chapel, Florida 33544
(813) 994-0365
www.usa-engineering.com

Table of Contents

- 1) **APPURTENANCE LOADING**
 - A) Table 1.1 LC1: Appurtenance Loading
- 2) **STRUCTURAL ANALYSIS RESULTS**
 - A) Table 2.1 – LC1: Structural Analysis Results
- 3) **FOUNDATION ANALYSIS RESULTS**
 - A) Table 3.0 – Foundation Information Provided To Goff
 - B) Table 3.1 – LC1: Foundation Results Based On Information Provided
- 4) **SUPPORTING DOCUMENTATION**
- 5) **ASSUMPTIONS**
- 6) **CALCULATIONS**
 - A) Appendix-A Structural Analysis Report
 - B) Appendix-B Foundation/Soil Analysis

Submitted by:

Sephin Abu Alim, MCE
Project Manager

Darryl J. Kroeze, P.E.
President
FL PE No: 53092
COA No: 31705

Amended Exhibit B
Prerequisites (Page 11 of 14)



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Wesley Chapel, Florida 33544
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1) APPURTENANCE LOADING:

TABLE 11: LC1: APPURTENANCE LOADING				
EW	Status	Carrier	Appurtenance Description	Transmission/Feed Lines
197	Final	AT&T	(3)- Andrew SBNH-10055B Antennas	(12)- 1-5/8" Coax
197	Final	AT&T	(6)- Andrew SBNH-10055B Antennas	
197	Final	AT&T	(3)- RRU's 11	
197	Final	AT&T	(3)- RRU's 32	
197	Final	AT&T	(3)- RRU's 32 B2	
197	Final	AT&T	(3)- E1620P13 TMA's	
197	Final	AT&T	(4)- DC2-48-00-0-9E	
197	Final	AT&T	(2)- DC6-48-00-10-9E	(2)- Fiber Cable (3)- Power Cable (3)- RETs Cables
197	Final	AT&T	(3) Sector Frame Mount	
256'	Existing	N/A	(1) Celwave BCR12-A	(1)- 7/8" Coax
247'	Existing	N/A	(1) Standoff Mount	
235'	Existing	N/A	(2) Celwave BCR10-A	(2)- 1-1/4" Coax
230'	Existing	N/A	(2) Standoff Mount	
180'	Existing	N/A	(1) PAR6-59W Dish	(1)- EW 83
150'	Existing	N/A	(1) PAR6-59W Dish	(1)- EW 83
180'	Existing	Verizon	(6)- CBS AXP20-80-2 Antennas	(18)- 1-5/8" Coax
180'	Existing	Verizon	(3)- X7-805 Antennas	
180'	Existing	Verizon	(3)- Boom Gate Sector Mounts	

* Future/Proposed/Removed

2) STRUCTURAL ANALYSIS RESULTS

A three-dimensional model and rigorous analysis was created using Tnx (7.0.0), a commercially available analysis software package. The stress levels of structural members for the loading case(s) as listed below were calculated as required by the above referenced codes. Selected output from the analysis is included in Appendix-A.

TABLE 21: LC1: STRUCTURAL ANALYSIS RESULTS		
Component	Stress (%)	Pass/Fail
Leg (TG)	71.0%	Pass ✓
Diagonal (TG)	100.0%	Pass ✓
Top Gir	21.0%	Pass ✓
Mid Gir	15.0%	Pass ✓
Boil Checks	100.0%	Pass ✓
RATING =	100.0%	Pass ✓

* USA Engineering accepts stress levels up to 105% as passing
See Details Appendix A

Amended Exhibit B
Prerequisites (Page 12 of 14)



2130 Ashley Oaks Circle Suite 102
Wesley Chapel, Florida 33544
(813) 994-0365
www.usa-engineering.com

3) FOUNDATION ANALYSIS RESULTS

GOFF Communications, Inc. has performed the foundation capacities based on the information provided and has not confirmed or denied all the information provided. The confirmation of non-visible information such as concrete strength, steel locations, size and strength, etc. is beyond the scope of this report. The information provided has been included in this report and is summarized as follows:

TABLE 3.0 - FOUNDATION INFORMATION PROVIDED TO GOFF (Year(s))						
Foundation System	Valmont Tower Drawings	Excavation Investigation (2009/2010)	Design Report (2012)	Valmont Tower Drawings (2012)	Excavation Investigation (2012)	Year(s)
Tower Leg	Yes ¹⁾	Yes ²⁾	Yes ³⁾	Yes ⁴⁾	Yes ³⁾	Yes ⁴⁾
Notes: 1) Valmont Tower Drawings Job # A-161199-F-1014354 Dated 04-13-2012 2) RW Harris Foundation Design dated 04-13-2012 3) Ellis & Associates in Geotechnical Exploration Report Job #3790-001 dated 02-09-2012 4) See Details Appendix-B						
TABLE 3.1 - LCL FOUNDATION RESULTS BASED ON INFORMATION PROVIDED						
Foundation Location	Foundation Type	Foundation Capacity (Kip)	Design Overturning Moment (Kip-ft)	Design Overturning Moment (Kip-ft)	Capacity Ratio (%)	Pass/Fail
Tower Leg Grillage	Compression (Kip)	704	na	1616	Soil	44% Pass ✓
	Uplift (Kip)	598	na	1149	Soil	52% Pass ✓
	Shear (Lateral) (Kip)	84	na	557	Soil	15% Pass ✓
Notes: 1) Capacity ratio(s) have been computed based on known information. The capacity ratio(s) of unknown information would require further field investigation. 2) Design capacities based on soil strength assumes rigid (infinitely strong) foundation materials (concrete and steel) and 100% plastic soil failure. 3) The Overturning Moment and Shear capacity of this type of foundation systems are dependent on each other. Capacities listed are individual (non-simultaneous) capacities. 4) See Details Appendix-B *GOFF Communications accepts ratios level up to 105% as passing						

4) SUPPORTING DOCUMENTATION

- NORTH-FLORIDA JACKSONVILLE-PANHANDLE_JCVLFLU0176_2016-LTE-Next-Carrier_LTE-3C_yv486f_2601A03F13_10150006_131222_09-16-2015_Final-Modification-Recommended_v2. (2)
- Valmont Tower Drawings Job # A-161199-F-1014354 Date d 04-13-2012.
- Excell Communications Inc Structural Analysis Report Job # 102644 Dated 07-25-2014.
- RW Harris Foundation Design dated 04-13-2012.
- Ellis & Associates in Geotechnical Exploration Report Job #3790-001 dated 02-09-2012

Amended Exhibit B
Prerequisites (Page 13 of 14)



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Wesley Chapel, Florida 33544
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5) ASSUMPTIONS

- The structure, its foundations, and related structures were built and maintained in accordance with the original manufacturer's specifications.
- The structure and all components are assumed to be plumb, in good condition, and free from deformation, rust, corrosion, and cracks.
- The configuration of antennas, transmission cables, mounts, and other appurtenances are as specified in the "Appurtenance Loading" table(s) above and are similar in size and weight to the actual appurtenances on the structure.
- The supporting documents and drawings provided to GOFF Communications, Inc. resemble the actual field conditions.
- This analysis report is for the code compliance of the main structure only. The structural integrity and attachment of antenna mounts, waveguide, and other appurtenances have not been investigated for compliance with the applicable codes.

If any of these assumptions are not valid or have been made in error, this analysis may be affected, and *GOFF Communications, Inc.* should be allowed to review any new information to determine its effect on the structural integrity of the tower.

Amended Exhibit B
Prerequisites (Page 14 of 14)

**THE REMAINING PAGES OF THE 244 PAGE STRUCTURAL ANALYSIS REPORT –
LTE 3C (REV 2 RFDS), DATED NOVEMBER 9, 2016, IS ON FILE AT THE ST. JOHNS
COUNTY REAL ESTATE DIVISION, 500 SAN SEBASTIAN VIEW, ST. AUGUSTINE,
FLORIDA 32084.**

Amended Exhibit D
Lessee Equipment Schedule

- 3 Andrew SBNH-1D8585B antennas
 - 6 Andrew SBNHH-1D85B antennas
 - 3 Andrew E15Z01P13 TMAs
 - 2 Raycap DC6-48-60-18-8F
 - 4 Raycap DC2-48-60-0-9E
 - 3 Ericsson RRUS-11
 - 3 Ericsson RRUS-32
 - 3 Ericsson RRUS-32 B2
 - 12 lines of 1-5/8" coax
 - 3 power cables
 - 2 fiber cable
 - 3 RET cables
 - Modified Mount
- (1) Fibre Bond D-8946 Equipment Shelter
- (1) Emerson Network Power,58212600ZZ064,,-48V Netsure 701 Power System with integrated converter system
- (1) Ericsson,UC6601MUDUW30A,,RBS 6601 UMTS MU -48V Initial,(3x1;3x5)
- (1) Ericsson,UC6601MUDUW30EXPA,,RBS 6601 UMTS MU -48V Exp,(3x3;3x7)
- (1) Ericsson,UC6601MUIINDE,,RBS6601 MU (v2) DUL-20; SAU,,GPS,,50PRB
- (12) Ericsson,UCRRUS01B5-48,,RRUS01 B5 850; 1x80W,,-48V
- (20) GNB,M97001M180FBATLFC1,,Marathon M12v180FT (V/0),180AH 12V Battery Module with,Straps
- (2) Telect,017-4011-0123-0064,,-48V FIF- Facilities, Interface Frame (pre-wired)
- (1) Telect,088-7054-0123-0000,,Global Seismic Battery Rack,,5 Shelf; Disconnect at,-48V
- (1) Kohler 50kw-50REOZJC Generator