

**SUP
PENDER COUNTY
for
USCOC OF Greater North Carolina**



Pender County
SPECIAL USE PERMIT
USCOC of greater North Carolina
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Site Acquisition Request Form (Revision 11.0)

Site Name: Wards Corner	Site ID (if Known): TBD	RFE: Satinder Singh
Use this form as the cover page for the issuance of a new site search area. This form will also have additional supporting documents such as a general location map, site search area, coverage predictions, FAAA study or other pertinent information.		
Date form was created: 7/8/2018	Required by Date: <input type="text"/>	
Market: NC12	Switch: NC_CLIN	
City: Columbia	County: Pender	State: NC Zip Code: 28425
Site Objective: To improve invehicle coverage on Hwy 421 from Hwy210 intersection till Siloh Rd and improve inbuilding in residential areas around Wards Corner		

Technology: LTE	Bands: LTE_700A_5MHz
Network Backhaul Design: 5MHz	
Ideal Location <input type="text"/>	
Latitude: 34°-31'-33.74"	or Lat:Decimal: 34.526040
Longitude: -78°-5'-9.28"	or Long:Decimal: -78.085912 NAD 83
Ideal Site Configuration:	
Antenna Centerline: 190 ft.	Cell Type: Macro
Max Antenna Height: 8 ft.	Sectors: 3
Ground elevation: 53 ft.	
Req. min. AMSL: <input type="text"/> ft.	

Proposed Antenna Configuration (Optional) if you need to add more details about the antenna configuration that cannot be covered in this section, please use the "Special Instructions / Comments" section of this form.

	1	2	3	4	5	6
Technology	LTE					
Ant Mfr.						
Ant model						
Center lne						
Azimuth						
#of Ant						
EDT						
#of Coax						
#of Hybrid						



Site Acquisition Request Form (Revision 11.0)

Legal Information PLEASE NOTE: "Tbd" answers to these questions indicate that the information will be determined at a future date by a site acquisition consultant

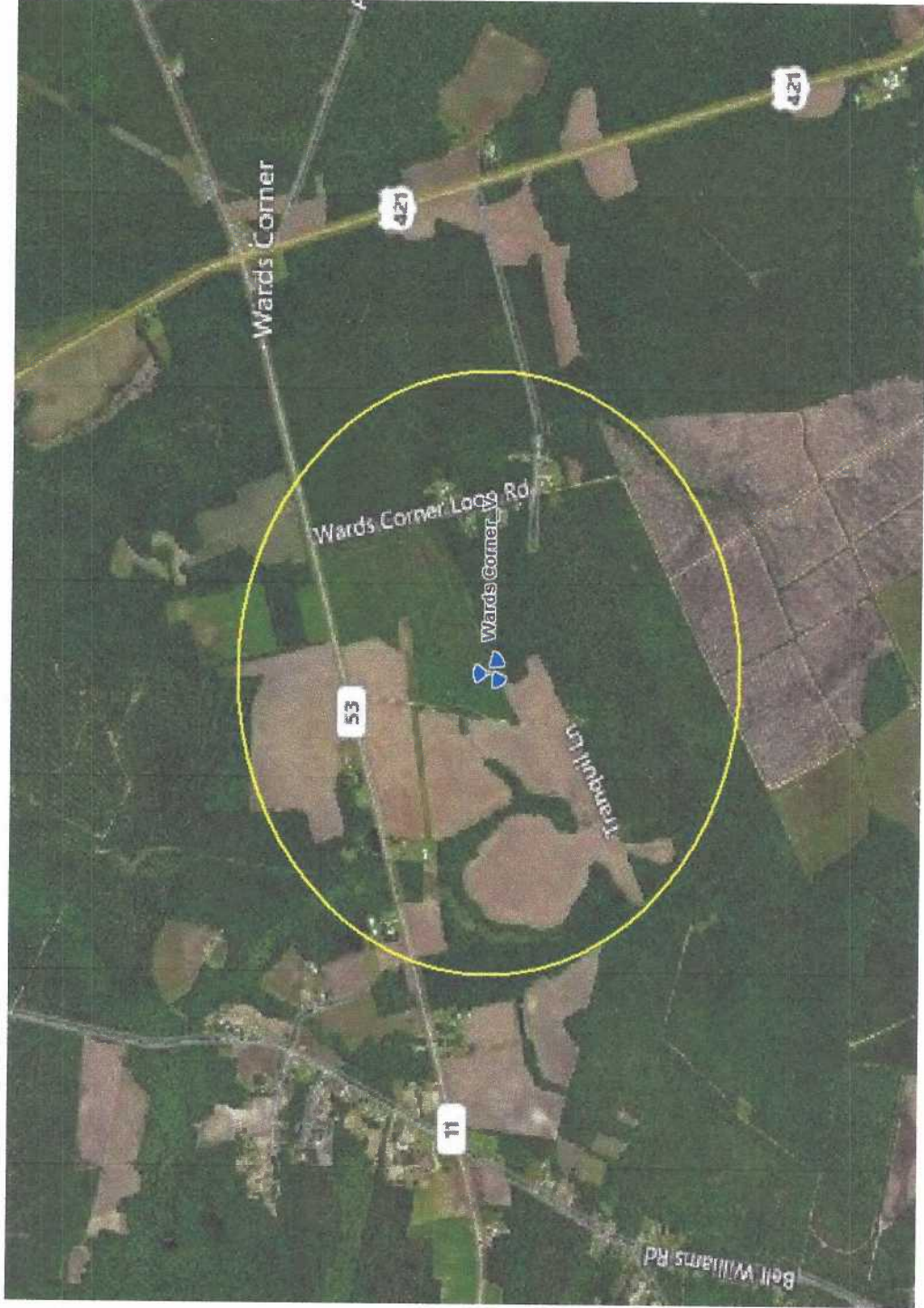
Nearest Airport	ACZ		Restricted AMSL?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	TBD
Est Distance:	12.18	NM	Max Allowed AMSL:	<input type="checkbox"/>	ft.	<input checked="" type="checkbox"/>		<input type="checkbox"/>	TBD
Est Bearing:	19.45		Extension Agreement:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	TBD
Nearest AM Tower:	NA		AM Detune Required?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	TBD
Est Distance:	0	km	Unserved Territory?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	TBD
Est Bearing:	0	dig	Phase II Required?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	TBD

Special Instructions / Comments

Attachments:
 The following attachments are provided with this SARF document:

<input checked="" type="checkbox"/>	Street/search area map	<input type="checkbox"/>	topology map	<input type="checkbox"/>	coverage map (without site)
<input type="checkbox"/>	Coverage map (with site)	<input type="checkbox"/>	best server map		

Site/Location MAP:Wards Corner



STATEMENT IN SUPPORT OF APPLICATION

USCOC of Greater North Carolina, LLC, (“Applicant”) is a federally-licensed wireless provider of wireless communication services that respectfully request the County of Pender to grant their SUP petition for the approval(s) needed for the construction of a wireless communications facility (the “Proposed Facility”) on a property commonly known as 0 2278-54-6803, Burgaw, NC 28425 (the Proposed Site), as further described in the submitted application and its attachments. This request is made under Ordinance Pender county UDO 5-27-Article 5 Wireless Communication Towers

PROJECT DESCRIPTION & FINDINGS

The Applicant proposes to construct a 190’ Monopole type tower and wireless communications facility located off Tranquil Ln. Burgaw NC 28425 Parcel Number 0 2278-54-6803 (the “Site”), The Facility is described in detail below and is further described in the attached plans and survey. The subject parcel is zoned RP residential performance.

The proposed facility will consist of a 190’ Monopole gray in color and have a 14’ x 16’ cement pad with outside cabinet all will be within a 40’ x 40’ fenced in compound.

The Proposed Monopole will be designed to support 3 additional wireless users thereby decreasing the need for future towers in the area.

The Applicant believes this new structure would be in harmony with the surrounding area and the land uses near the subject property due to the fact that this area is rural in nature which is where you would normally see such a structure and is located next to a grass airstrip used by the owner’s brother and that will be used for some time to come. The site has a tree canopy to help minimize the view of the compound. The granting of the zoning relief being sought will not affect the normal and orderly development of the surrounding area. To the contrary, reliable utility networks such as electric, gas, water, and wireless networks are essential to the development and well-being of every community.

The design and construction of the Proposed Facility does not create any substantial adverse effect, including value and injury (public safety) to the surrounding properties. The Proposed Facility will comply with all applicable structural engineering requirements and, if approved, will be reviewed by the Pender County inspection Department. The Facilities will be unstaffed and typically require one or two routine visits a month by a service technician. Hence, the Facility will not have a material impact on parking or traffic.

The Facility will be designed and constructed to meet all applicable governmental and industry safety guidelines. The Applicant will comply with FCC and FAA rules concerning construction requirements, safety standards, interference protection, power and height limitations, and radio frequency standards. The Facility will NOT interfere with any other radio devices such as TV's, radios or other cellular phones. Furthermore, the Facility will not interfere with any household products such as microwave ovens. The Applicant is licensed and regulated by the federal Communications Commission ("FCC"), which imposes strict health, safety, and interference standards. The proposed Facility will comply with all rules and guidelines that regulation such installations including FCC guidelines with regards to human exposure to RF emissions. The FCC is the governing body that has jurisdiction over this area (RF emissions). It is therefore the belief of the Applicant that the Proposed Facility will be operated so that the public health, safety and welfare will be protected.

The Proposed Facility is designed to fill a coverage gap in the Applicant's network. These networks operate on a "grid" system, whereby overlapping "cells" (geographic wireless coverage areas) mesh to form a continuous wireless network. In order to provide wireless coverage within the geographic confines of each cell, a wireless facility ("cell site") must be located somewhere near the center of that cell. If the wireless facility is not located within or near the center or the height of the antennas is inadequate, then coverage gaps exist. Coverage gaps result in a weak wireless signal which to the end user equates to a dropped call or inability to make or receive a call.

Over half of all "911" calls are placed on wireless networks. Wireless providers, such as U.S. Cellular, offer "E-911" service which is particularly helpful in locating users who are unable to articulate their exact location. Accordingly, reliable wireless infrastructure provides wireless service that is an essential part of the community's everyday life including emergency and non-emergency communication needs.

Given the public's increasing dependency on wireless technology, wireless networks and the cell sites that make up these networks are now more than ever critical to the safety and well being of the overall population. Wireless technology provides vital communications that is commonly used by local residents, businesses, and emergency personnel for a wide variety of communication needs thereby promoting the general public's health, safety, morals, comfort and overall general welfare.

The Applicant firmly believes the zoning relief approvals needed for the Proposed Facility will be in the best interest of the Applicant and the community, thereby deemed necessary for the public convenience. The Applicant stands to gain a more improved wireless service it can offer to its customers. The community stands to gain a more reliable wireless network for which all communities depend on for a safety, convenience, and general well-being standpoints. And the county will have less proposed towers in the area. Imagine, for a moment, if you were unable to make a call on a cell phone in an emergency situation. There are many examples of cell phones saving people's lives.

EXECUTIVE SUMMARY

The Applicant hereby incorporates by reference all of the facts and materials contained in this Statement and its attachments into this application. Without limiting the generality or efficacy of the preceding the Applicant hereby specifically state that the Petition for a Special Use Permit satisfies any and all applicable criteria under the County of Pender Ordinance.

Other Points:

1.) The use requested is listed among the special uses in the district for which application is made or is similar in character to those listed in that district:

Telecommunication structures are allowed in this zoning district and further the applicant believes this new structure would be in harmony with the surrounding area and the land uses near the subject property. The size of the parcel in which the telecommunication site is situated is 104.95 acres of mostly heavily wooded area which provides adequate screening from the adjoining properties. The traveling public on NC 421 and NC 53 also relies on wireless communications not only for "convenience" but they also depend on it for public safety. This location is necessary due to the location of U S Cellular' surrounding sites (towers)

2.) The requested use will not impair the integrity or character of the surrounding of adjoin districts, nor adversely affect the public safety, health, morals or welfare of the community or the immediate neighbor of the property:

The proposed base of the new monopole tower would be mostly concealed by the small tree canopy and having considerable distance from the adjoining properties will provide adequate buffer to not impair the integrity or character of the surrounding properties. Furthermore, the granting of the Special use Permit shall not cause injury to health, morals or the welfare in this district or surrounding areas. The wireless communications facility will be designed to meet all Federal, State and Local codes that regulate such facilities. To the contrary it will improve wireless service which promotes public safety, economic development and the overall general welfare of the area.

3.) The proposed use will not constitute a nuisance or hazard.

This type of telecommunication site would not create a nuisance or hazard. It is a standalone structure with minimal traffic and beside an air conditioner running every so often it is silent. This site is in a rural location and providing coverage not only for the immediate area but also the hundreds of travelers along NC Hwy 53 and NC Hwy 421 Interchange.

4.) The request use will be in conformity with the Pender county land use and other official plans or policies adopted by the Board of county commissioners.

I believe this would be in conformity under the future infrastructure needs that Pender county would have in the years ahead and also for purpose of providing colocation opportunities for other telecommunication providers. I think that this would be viewed as following the counties future plans as well as better conforming to the county amended ordinance.

5.) Adequate Utilities and access roads, drainage, sanitation or other necessary facilities have been or are being provided.

The infrastructure for this telecommunication site is in place with an existing road already leading to the site IE Tranquil Ln, and the power is within 300' of the proposed structure. Land is flat there and there is no need for sanitation facilities.

6.) Traffic and congestion due to telecommunication site

There will only be a service technician visiting the site every couple of months.

7.) That the special use shall, in all other respects conform to the applicable regulations of the district in which it is located:

This telecommunication location will conform to all regulations to this district as it relates to cell towers in rural areas, that being said with this special use application/request it is our hope to continue to be in this geographic location and utilize a smaller over all footprint and provide colocation capability to new telecommunication providers and also continue to service the immediate area as well as the NC Hwy 53 and NC Hwy 421 corridor.

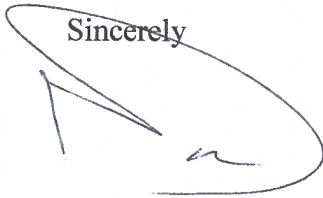
8.) The proposed use shall not adversely affect surrounding uses and shall be placed on a lot of sufficient size to satisfy the space requirements.

The telecommunication site is located 1,225 feet off NC Hwy 53 and is next to a heavily wooded area and should not affect the surrounding uses. The overall size of the property for which the proposed telecommunication site is located is 104.95 ACRES with only 2.809 disturbed again surrounded by trees which gives ample buffer between properties. The Primary land owner around the tower is mostly Highsmith property.

9.) The Development will not substantially injure the value of adjoining properties.

There is not any hard evidence that telecommunication structures influence the value of property.

Sincerely

A handwritten signature in black ink, appearing to read "Michael Doran", is enclosed within a hand-drawn oval. The signature is written in a cursive style.

Michael Doran
Representing U.S. Cellular

AFFIDAVIT

I/WE Michael Doran

being first duly sworn on oath, state as follows:

I/WE are the duly designated representatives of the telecommunications carrier USCOC of Greater North Carolina LLC, that has submitted an application to construct a telecommunications facility upon the following property:

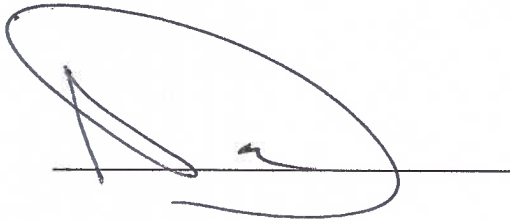
Property Commonly Known As: 0 2278-54-6803, Burgaw, NC 28425

County of Pender

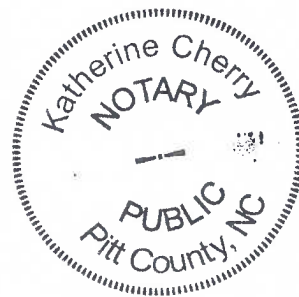
I/WE hereby certify and swear that in conjunction with the issuance of a permit to establish telecommunications facilities and equipment on the subject property, I/WE did look and review the entire search area for other Towers and/or Structures which could be used in lieu of building a new structure and found that there were no existing structures or existing tower structures with in approx. 1 mile in all directions

There were not any existing structures with-in our search area that could meet the required RF objective

See Attached map



Michael Doran Representing
USCOC of Greater North
Carolina LLC



STATE OF NORTH CAROLINA)

)

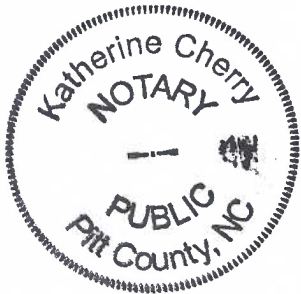
COUNTY OF PITT)

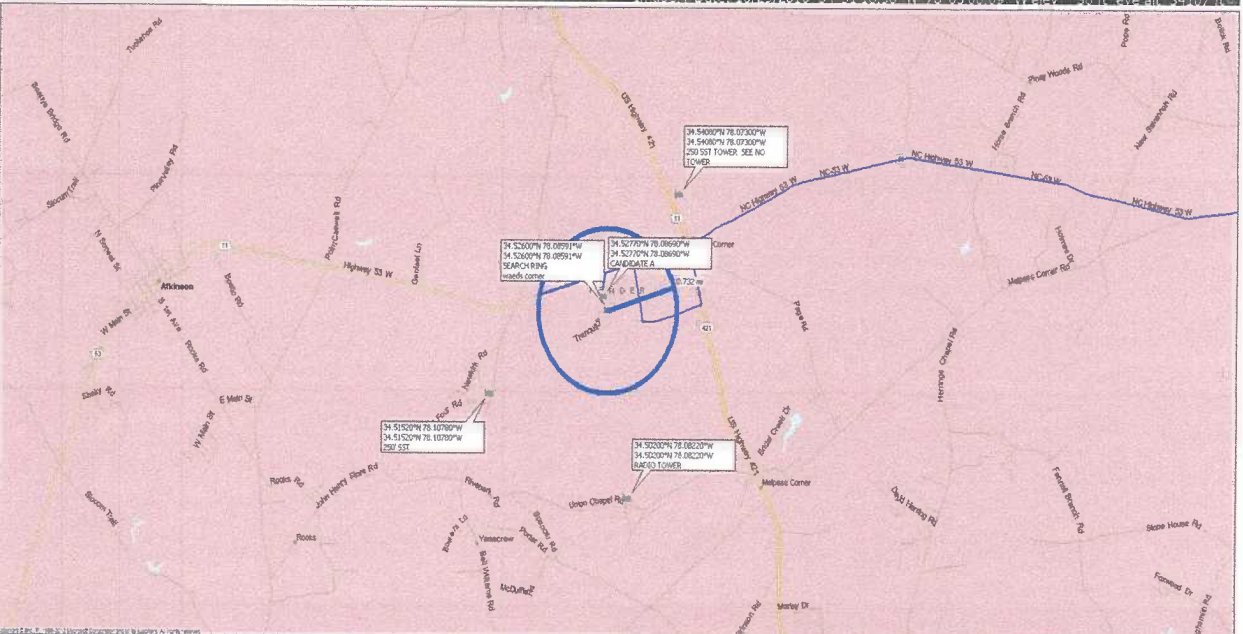
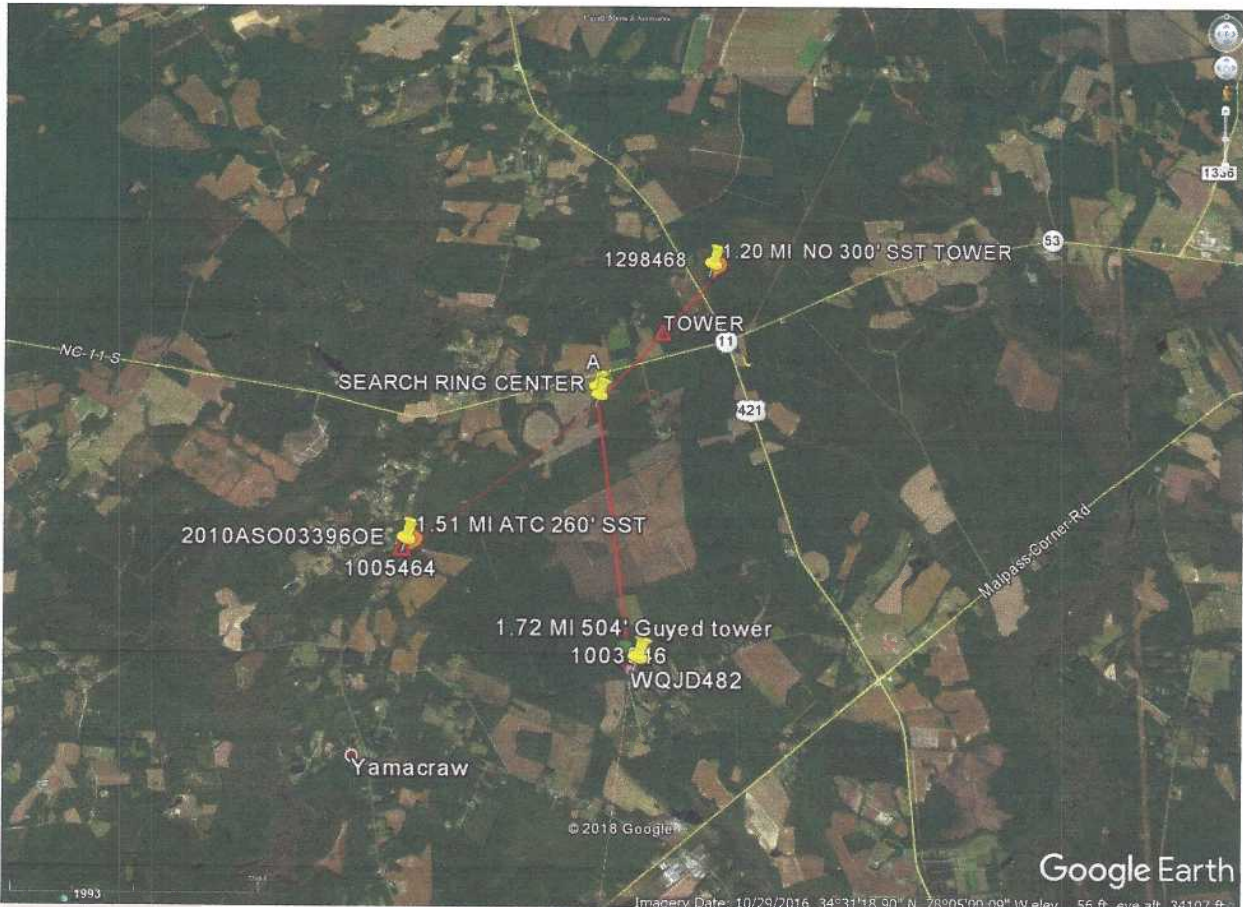
I, the undersigned, a notary public in and for the State and County aforesaid, do hereby certify that Michael Doran, known to me to be the same person(s) whose name(s) (is) (are) subscribed above, appeared before me this day in person and (severally) acknowledged that he signed this document as his free and voluntary act for the uses and purposes therein stated.

Given under my hand and seal this 30 day of January, 2019

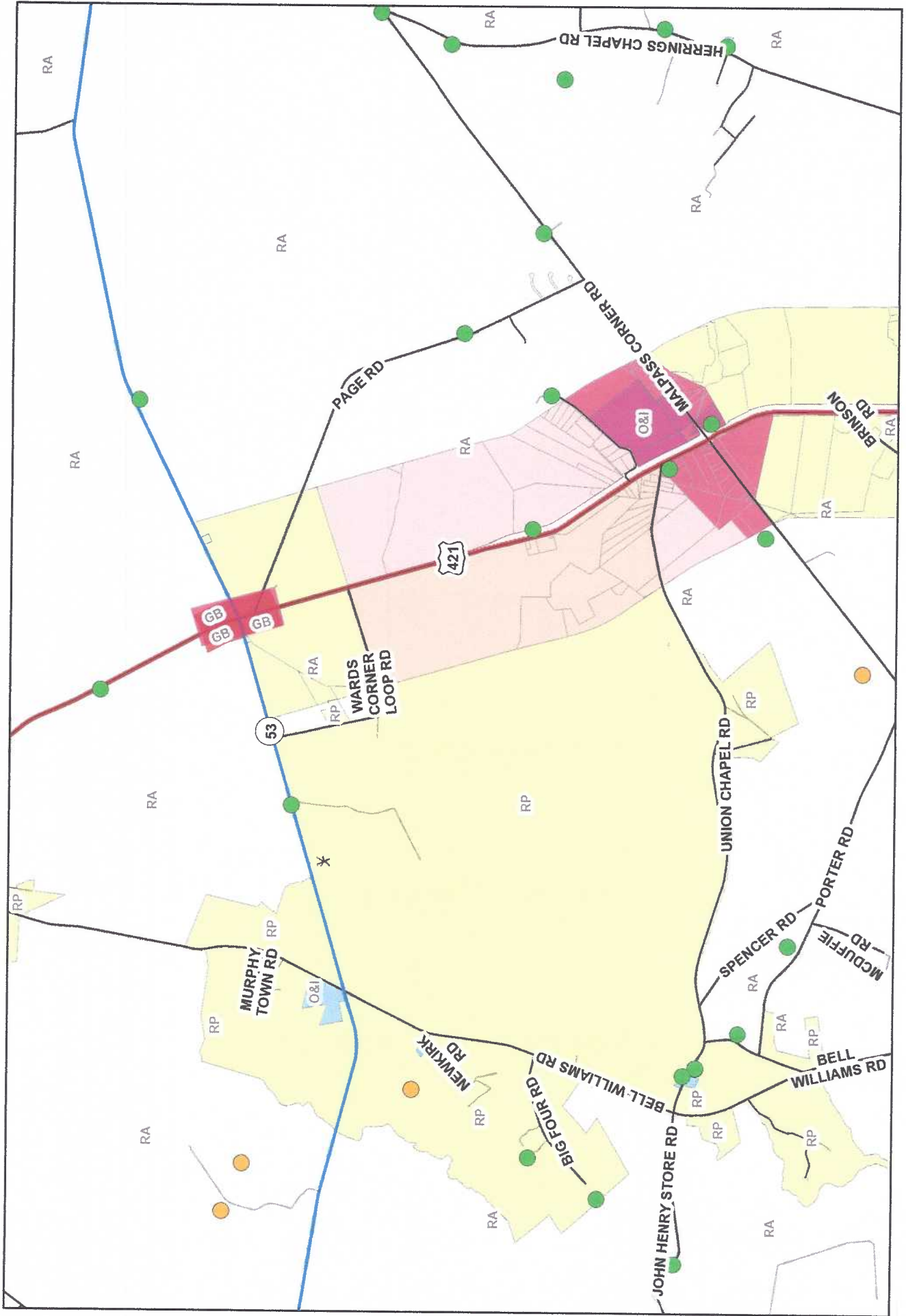


Notary Public

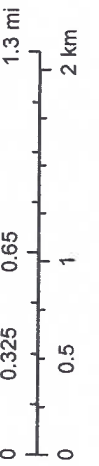




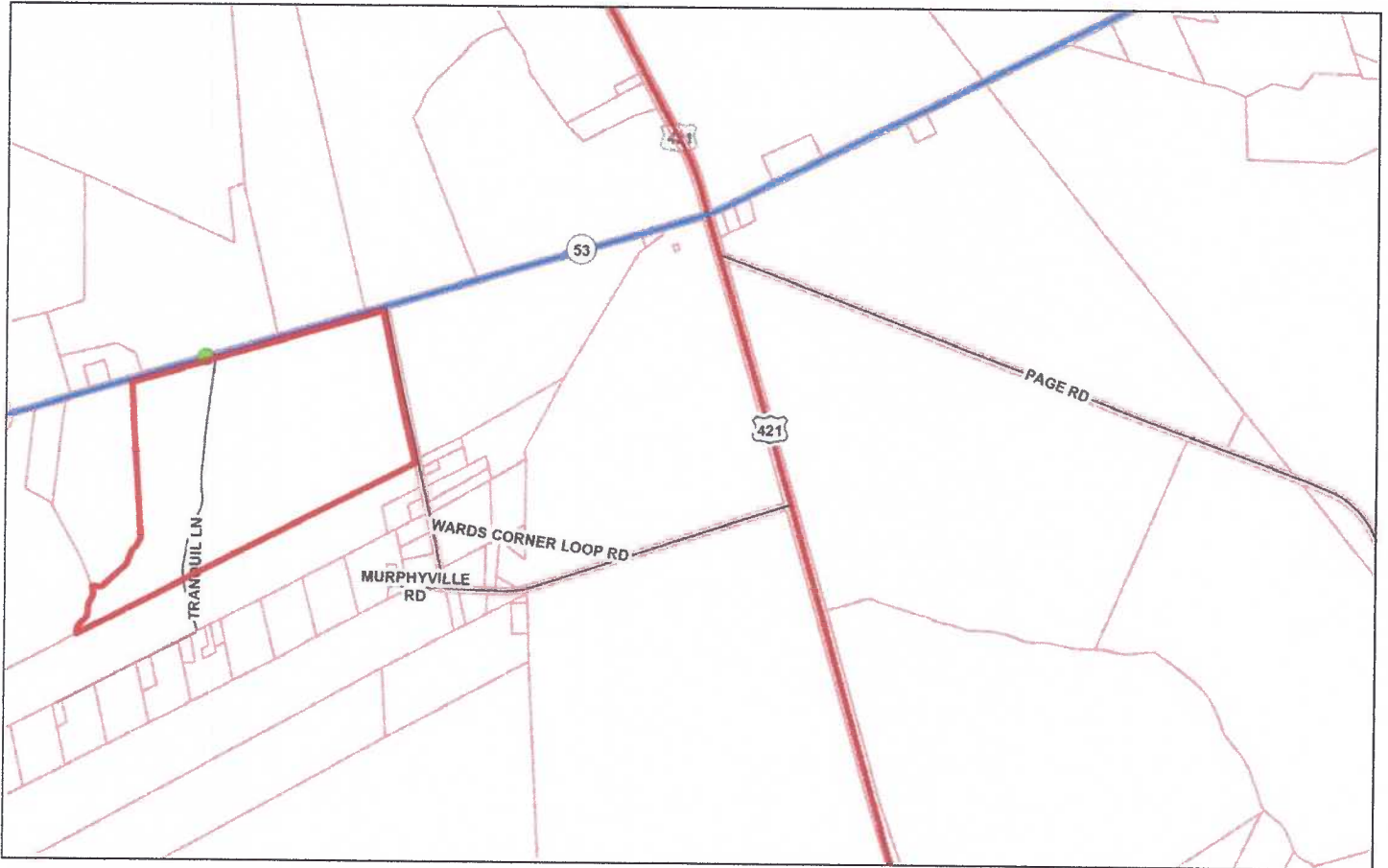
Pender County



1:39,367



August 30, 2018



PIN: 2278-54-6803-0000

Owner: **HIGHSMITH GEORGE H JR L/E et al**
 10280 HWY 53 WEST
 BURGAW, NC 28425

Deed Ref: 4625/1511

Property
 Address: 53 HWY

Description: 104.95 ACRES ON HWY 53 43% INT TO JANE HIGHSMITH

Sale Price: \$

Sale Date: 2016-08-02

Plat: NOPLAT

Account No: 33663

Township: COLUMBIA

Subdivision:

Tax Codes: G01 F28 R40

Acres: 104.95

Land Value: \$200,468

Building Value: \$7,285

Total value: \$93,810

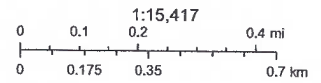
Deferred Value: \$113,943

Exempt Amount:

PCL Class: R

Heated Sq Feet:

Pender County



1 inch = 1,285 feet

September 7, 2017



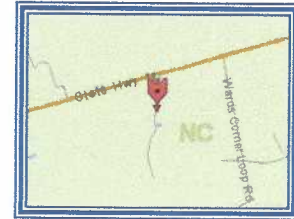
OPINION LETTER

November 2, 2018

FAA 7460-1 and FCC ASR Filings Not Required

Patty Blozovich
US Cellular Corporation
4201 River Center Ct NE, Suite 101
Cedar Rapids, IA 52402

RE: **556591 - Wards Corner, NC Airspace Analysis**
Latitude (NAD-83): 34° 31' 40.73" N
Longitude (NAD-83): 78° 05' 12.76" W
Ground Elevation: 54.0 ft AMSL
Tower tip height: 199.0 ft AGL
Overall height: 253.0 ft AMSL



Dear Ms. Blozovich,

Our airspace analysis results for the 556591 - Wards Corner, NC site are as follows:

1. **Filing an FAA Form 7460-1 is not required for the proposed height of 199.0 ft AGL (253.0 ft AMSL). The maximum allowable height for not filing an FAA Form 7460-1 is 200 ft.**
2. **FCC's TOWAIR Determination indicates that this structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided. The maximum allowable height for not filing an ASR is 200 ft.**
3. The FAA Form 7460-1 for 556591 - Wards Corner, NC at 199.0 ft AGL was not filed as of November 5, 2018.
4. The proposed site is 11.964 nm SSW from the nearest public landing facility – ACZ: Henderson Field. At an overall height of 253.0 ft AMSL, it does not exceed FAR 77.9 (a) or FAR 77.9 (b) Notice Criteria for ACZ airport. This airport has both Circling and Straight-In Instrument approach procedures. It does not exceed any glide slopes of ACZ airport. ACZ: Henderson Field is an airport type landing facility associated with the city of Wallace, NC.
5. The proposed site is not within any of the instrument approach procedures of ACZ airport.
6. The nearest private landing facility is 33NC: Pettigrew Moore Aerodrome, which is an airport type landing facility not eligible for study under FAR Part 77 sub-Part C. It is 6.05 nm South from the proposed site.
7. The proposed 199.0 ft AGL height would not adversely affect low altitude en route airways and/ or VFR routes in the area.
8. No records were found for AM stations within 10 km of the proposed site location. As noted per the FCC AM Tower Locator and per FCC regulation 13-115, Section 1.30002, the structure will not require a "Proof of Performance" measurement study before and after construction.
9. Marking and lighting are not required for the proposed height of 199.0 ft AGL.
10. All Wireless Applications Corp. analyses are based on the latest Airspace, FAA Notice Criteria Tool and FCC TOWAIR programs.

If you have any questions, please do not hesitate to call.

Thank you.

Ronald W. Lageson, Jr.
425-643-5000 (office)
425-649-5675 (fax)

Telecom Engineering



The Site Sync Platform



MPE Compliance Checklist

This form shall be filled out by the RF Engineer after construction drawings are finalized and prior to completion of the NEPA report. A new checklist must be prepared for any new or modified facility including height, power/ERP, antenna changes, channel adds, or frequency additions.

Site Name: Wards Corner Site Number: 556591 Date: 12/14/18 RF Engineer: Phil Leite

RFE Signature: 

1. Are the following statements TRUE?

- a. This facility will be operated in Cellular Radiotelephone Service, Wireless Communications Services (700MHz) or Personal Communications Service, or AWS bands. YES NO
- b. This facility will **not** be mounted on a building. YES NO
- c. The lowest point of the antenna will be **at least** 10 meters above the ground. (i.e., height above ground of the lowest point of the antenna). YES NO
- d. If the facility employs WCS (700MHz) or AWS frequencies (1710-1755 and 2110-2155 MHz), is the total power of all channels for that frequency¹ <1640 W EIRP?²
 YES NO N/A – no WCS or AWS frequencies

If you answered YES to all applicable questions above, then the tower is deemed categorically excluded from the requirement to perform routine environmental processing for RF exposure. Because categorically excluded facilities are unlikely to cause any exposure in excess of the FCC's guidelines, determination that a facility is categorically excluded should generally suffice to end the inquiry regarding a facility's compliance with the RF exposure guidelines. **Skip questions 2-6 and provide a copy of the following Compliance Statement to the Project Manager or vendor completing the NEPA report:**

Statement of Compliance with FCC Rules 47 CFR Sec. 1.1307 & Sec. 1.1310

The Federal Communications Commission ("FCC") regulates the maximum permissible exposure ("MPE") of persons to RF radiation, and wireless carriers must comply with the requirements of the FCC. The relevant requirements which deal with wireless antenna towers and other structures are found in Sections 1.1307 and 1.1310 of the FCC's Rules. U.S. Cellular is aware of those requirements and engineers its facilities in compliance with the applicable ruleparts

If you checked NO to any of the four statements, this facility is not categorically excluded. Further investigation is appropriate to verify whether the facility may cause exposure in excess of the FCC's guidelines. Continue to question 2 (on the next page).

¹ For the case of transmitting facilities using sectorized transmitting antennas, **apply the criteria to all transmitting channels in a given sector**, noting that for a highly directional antenna there is relatively little contribution to ERP or EIRP summation for other directions.

² Note: EIRP = (1.64 X ERP)

U.S. Cellular

8410 West Bryn Mawr Ave

Chicago IL. 60631

RE: Collocations on U. S Cellular Tower,

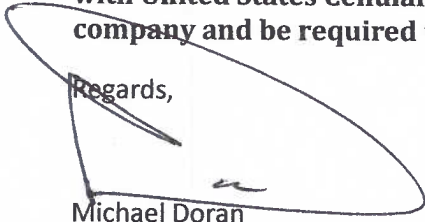
To whom it may concern

Please take this letter as U. S. Cellular's intent to follow the Pender County Telecommunication Facilities, Code of Ordinances UDO-5-27 article 5

The proposed tower will accommodate another carrier's telecommunications facility of comparable weight and size and surface area to the telecommunication's facilities installed by applicant on the tower within six months of the completion of tower construction.

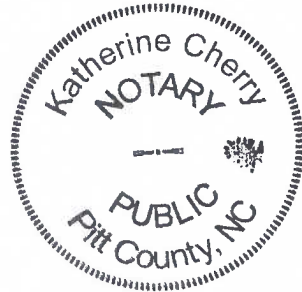
Additional companies interested in sharing shall be required to enter into an agreement with United States Cellular Operating Company of Chicago, LLC, a Delaware limited liability company and be required to follow its standard collocation procedure.

Regards,



Michael Doran

Representing U.S. Cellular



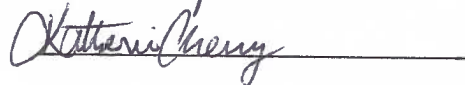
STATE OF NORTH CAROLINA)

)

COUNTY OF PITT)

I, the undersigned, a notary public in and for the State and County aforesaid, do hereby certify that Michael Doran, known to me to be the same person(s) whose name(s) (is) (are) subscribed above, appeared before me this day in person and (severally) acknowledged that he signed this document as his free and voluntary act for the uses and purposes therein stated.

Given under my hand and seal this 30 day of January, 2019



Notary Public

My commission expires 11/15/22



Name and Address of U S Cellular and Land owner

USCOC of Greater North Carolina, LLC

8410 West Bryn Mawr Ave.

Chicago IL 60631

Site name: Wards Corner

Site Number 556591

Phone 217-622-1377

Land owner

Jane Highsmith

10280 NC Hwy 53W

Burgaw NC 28425

Phone:910-470-9702

SITE CANDIDATE INFORMATION PACKAGE

A

Site Name/Number: Ward 556591

Date submitted: 9/15/2018

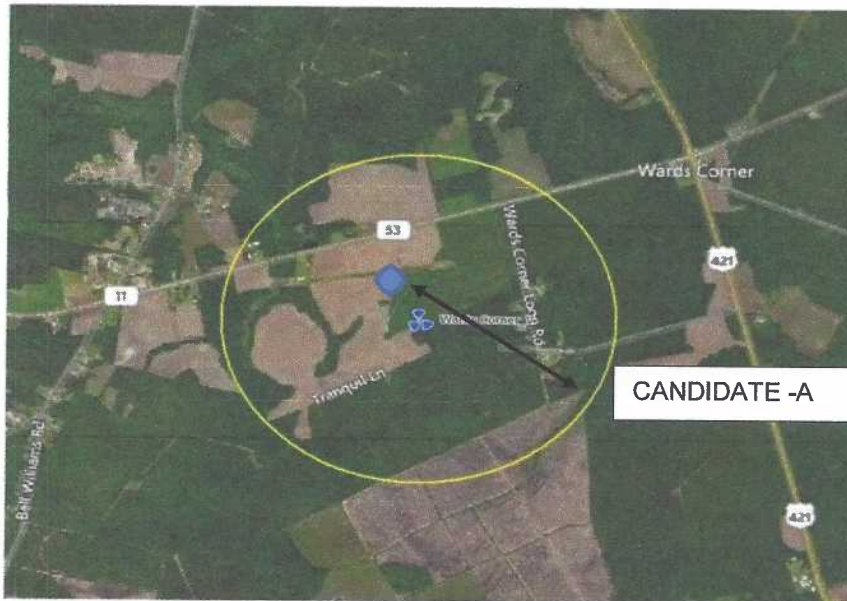
Site Acq Firm/Rep: Maguire development

Raw Land/Colo: Raw Land **Owner Name:** Jane Highsmith

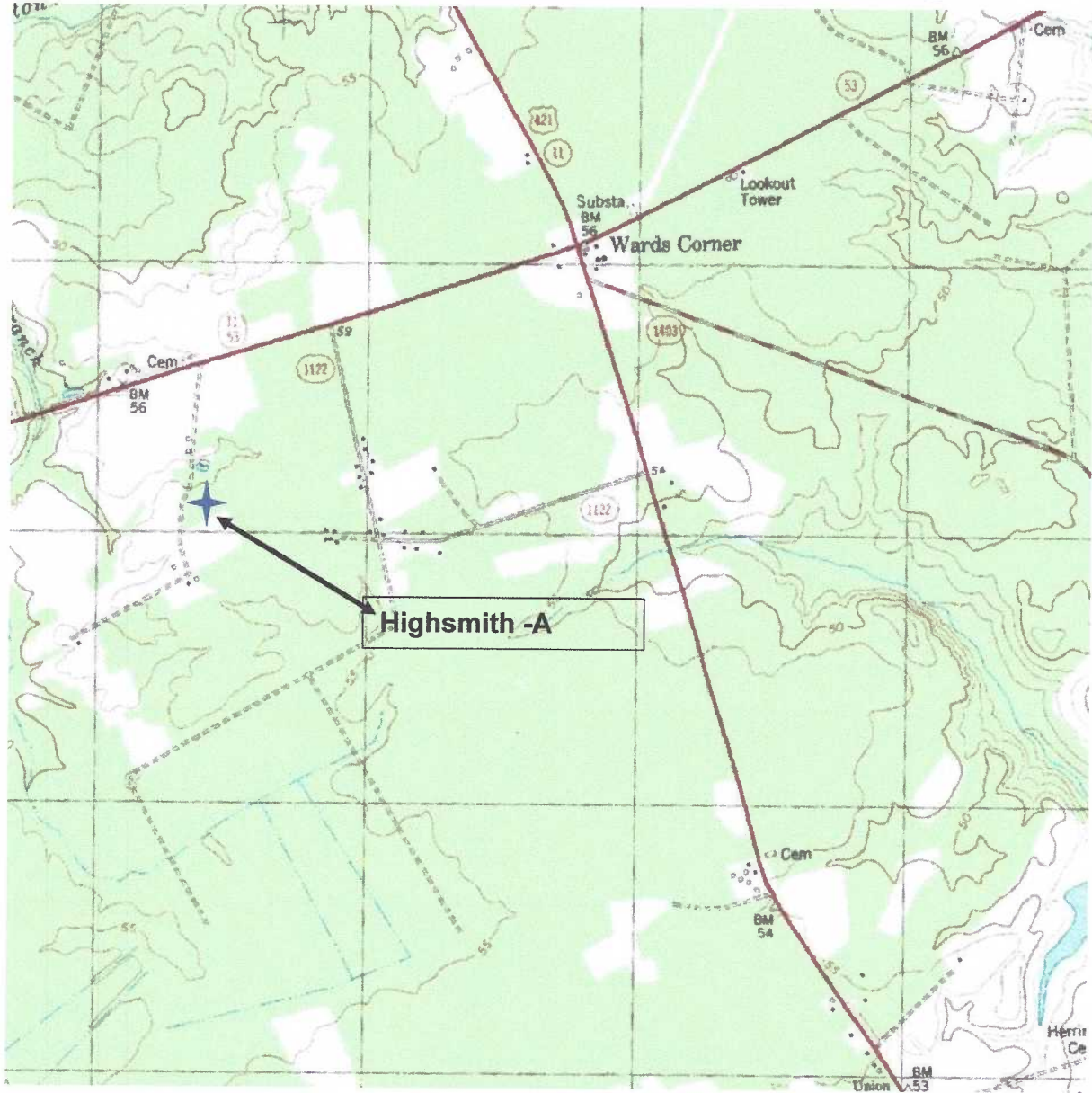
Search Ring	1
Topographic Map	2
FEMA Floodplain Map	3
Airport Search Results	4
Zoning Summary.....	5
Candidate Ranking Summary	6
Candidate A Property Information	7-8
Candidate A Site Sketch.....	9
Candidate A Tax Map	10
Candidate A Photos	11-19
SARF.....	20

Search Ring Map

Site/Location MAP:Wards Corner



Topographic Map of Search Ring



FEMA Floodplain Map of Search Ring



Airports within 20 Nautical Miles of Search Ring



Zoning Summary

Jurisdiction: Pender County

Zoning Classification: AG

Zoning Process: SUP Pre meeting with zoning department, then once approved file for the SUP, will need photo sims, Findings of fact and other supporting documents.

Meeting Dates: TBD

Filing Deadline 30 days prior to hearing date

Filing Fee: \$300.00

Filing Requirements: Full set of CD's , will need photo sims, Findings of fact and other supporting documents.

Contact (Name/Title): Pat O' Mahoney Zoning Officer

Address: 805 South Walker Street Burgaw, NC 28425

Phone: (910)259-1734

Email: pomahony@pendercountync.gov

Candidate Ranking Summary

This candidate is rank #1 . RF chose as Primary



Candidate D Property Information

Property Owner: Jane Highsmith

Mailing Address: 10280 NC Hwy 53 W

City ST Zip: Burgaw NC 28425

Contact: Jane Highsmith

Phone (c) (910)-470-9702

Other: jprism3@bellsouth.net

Raw Land Co-Location Rooftop Existing Structure Other
 Lease/Option Verbal Agreement In Negotiation No Contact Purchase

Proposed Business Terms and Rent: \$850.00 a month rent 15% escalator every 5 years

Coordinates: Lat 34°31'40.43"N Long 78° 5'13.19"W NAD 83 NAD 27

Directions to Site: From Greenville Office take SR 11 south to Kinston follow signs for 258 south take that for approx. 17 miles look for SR 41 turn west and take that to Beulaville follow SR 41 SR 111 south to I 40 get on I 40 east and go to Burgaw Exit 398 and follow SR 53 for approx. 12 miles turn left onto tranquil Ln (hidden) site will be on your straight back just past the runway on the left . see site sketch for details

Ground Elevation: 56' AMSL 246'

Proposed Tower Height: 199'OA

Available Rad Center: 190'

Suitable for guy tower: Yes / No

Crane accessible: Yes / No

Visual evidence of hazardous materials or activities: Yes / No

If yes, please explain

Historical Landmarks and/or National Roads/Trails/Monuments: Yes / No

If yes, please explain: _____

County: Pender

District: 0

Tax Map: N/A

Parcel: 2278-54-6803

Deed Book: 4625

Page: 1511

Planning/Zoning Jurisdiction: Pender County

Zoning District: AG



Summary of Permitting Process: SUP Pre meeting with planning department, then once approved file for the SUP. will need full set of CD's findings of fact, colocation letter, photo sims and other supporting documents

Storm Water Management permitting YES NO

If Yes, Explain process:

Detailed Property Description (mountainous, flat, wet, rocky, etc.): Property is used for agriculture-farming

Detailed Access Description (existing road, new road, stream crossing, etc): The access will be thru existing road needs a little upgrading, the ground is level to the site.

Approx. road length: 1000'

Special Access Requirements (gov't, mine, training, escort, 24hr notice, etc): None at this time

Constructability Notes: none at this time

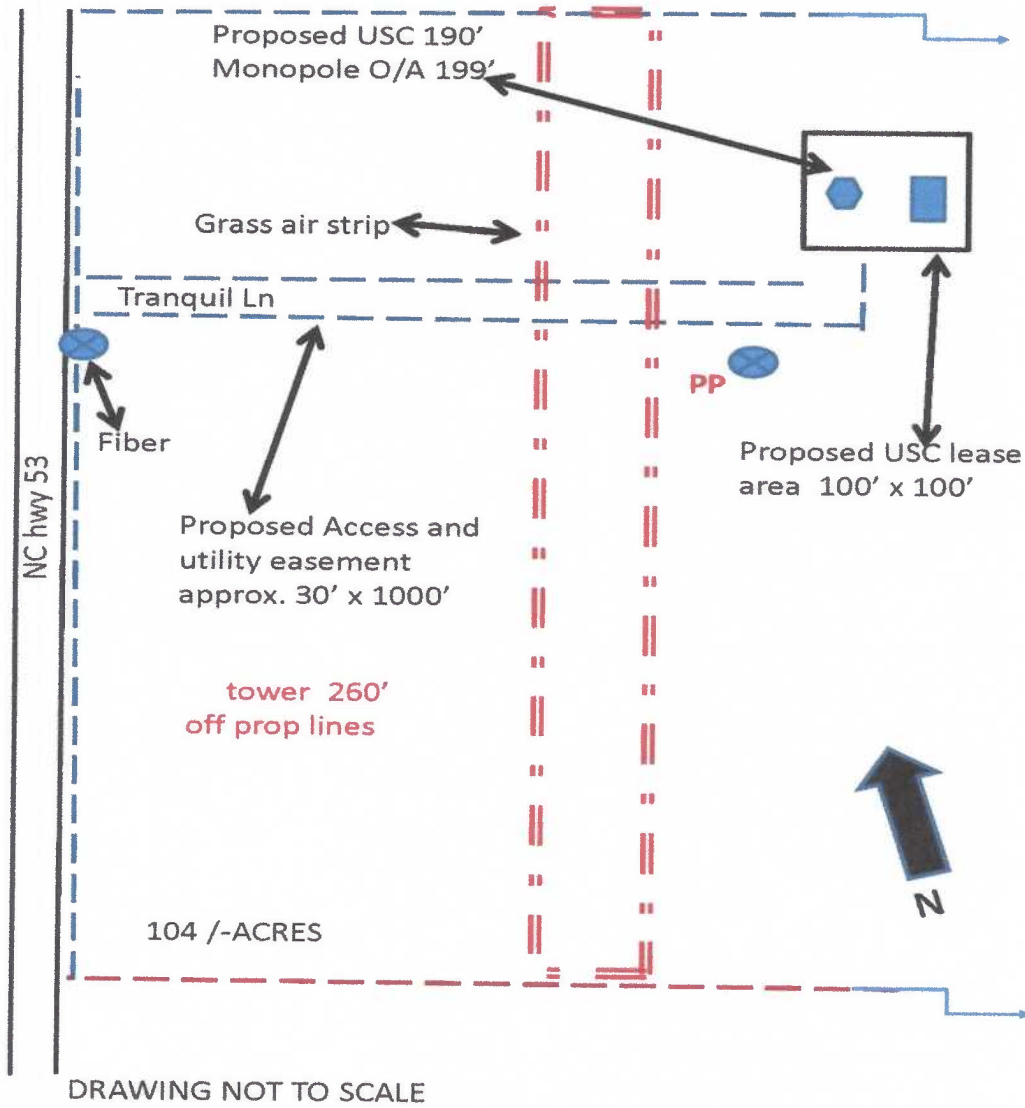
Fiber present: YES NO Fiber is on Hwy 53 at entrance to site

Telco /fiber Provider: Att Distance to Meet Point: 1000'

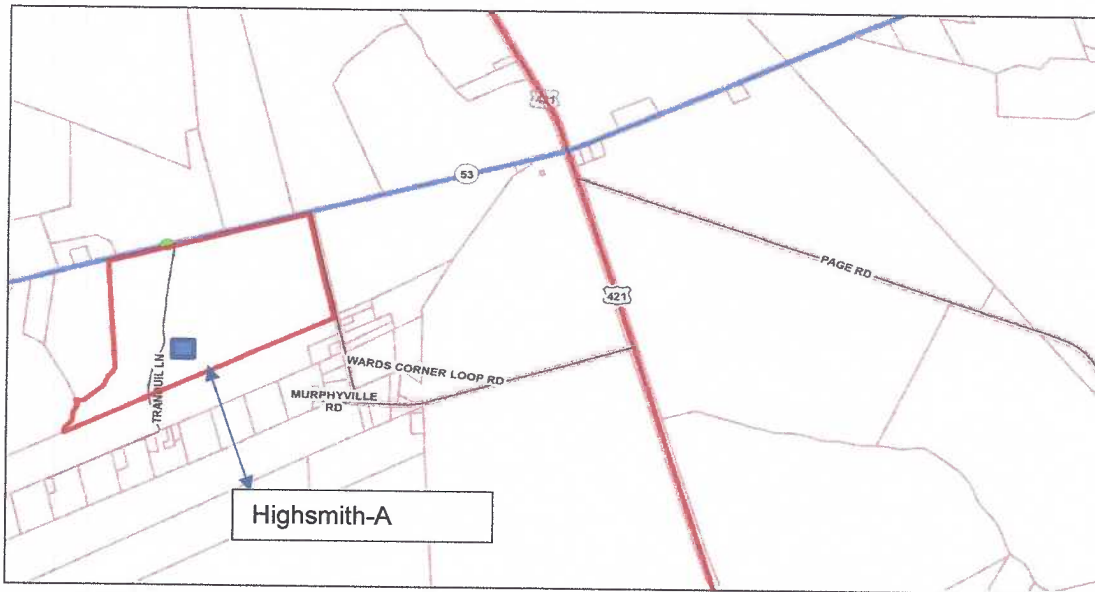
Electric Service Provider: Four county Distance to Meet Point: 1000'

Notes:

Site Sketch



Candidate A Tax Map

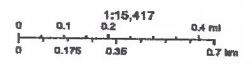


PIN: 2278-54-0003-0000
 Owner: HIGHSMITH GEORGE H JR L/E et al
 10280 HWY 53 WEST
 BURDAM, NC 29425
 Deed Ref: 4825/1511
 Property Address: 53 HWY
 Description: 104.85 ACRES ON HWY 53 45% INT TO JAME HIGHSMITH

Sale Price: \$
 Sale Date: 2016-06-02
 Plat: NOPLAT
 Account No: 33853
 Township: COLUMBIA
 Subdivision:
 Tax Codes: 001 F28 R40

Acres: 104.85
 Land Value: \$200,468
 Building Value: \$7,289
 Total Value: \$207,757
 Deferred Value: \$113,843
 Exempt Amount:
 PCL Class: R
 Heated Sq Feet:

Pender County



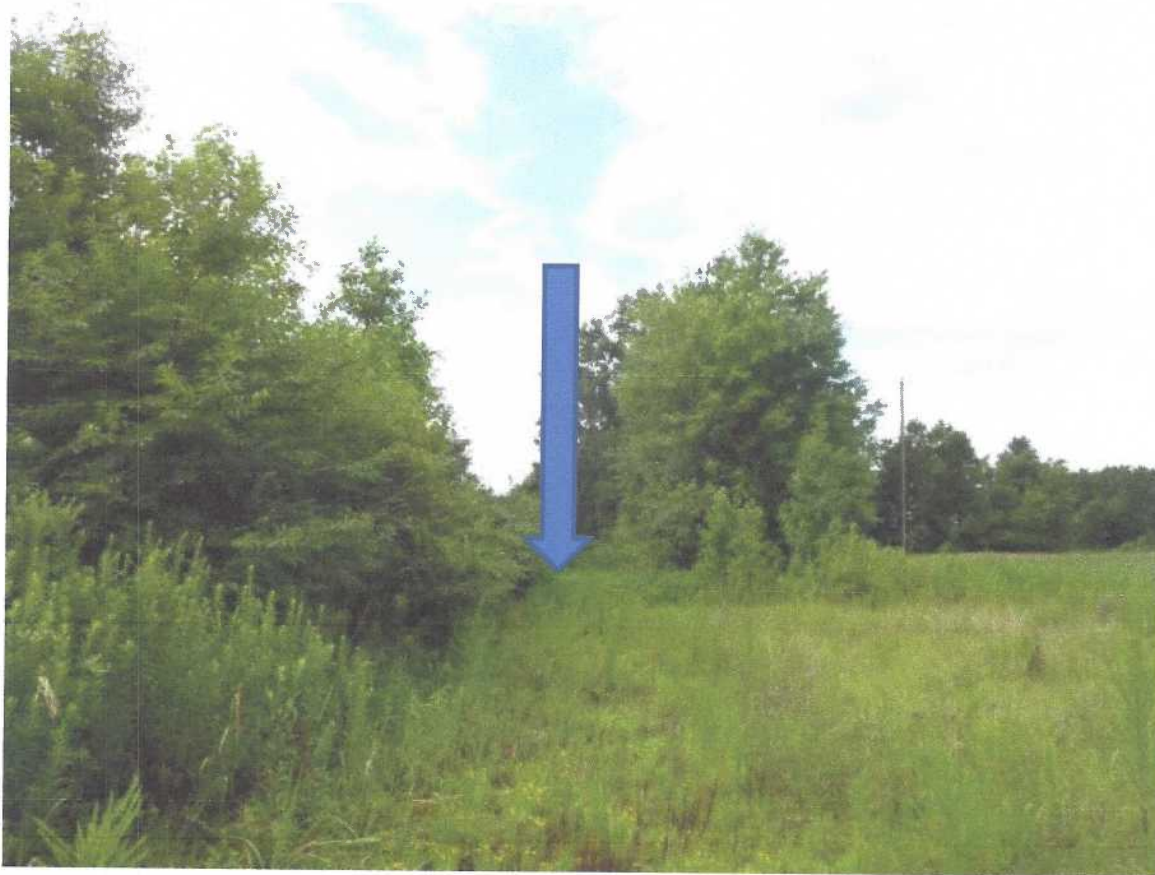
1 inch = 1,285 feet

September 7, 2017



Candidate A Photos

Proposed Compound area



Proposed Access Route





Tower Center Looking North



Tower Center Looking East



Tower Center looking South



Tower Center looking West



Nearest Power Location.

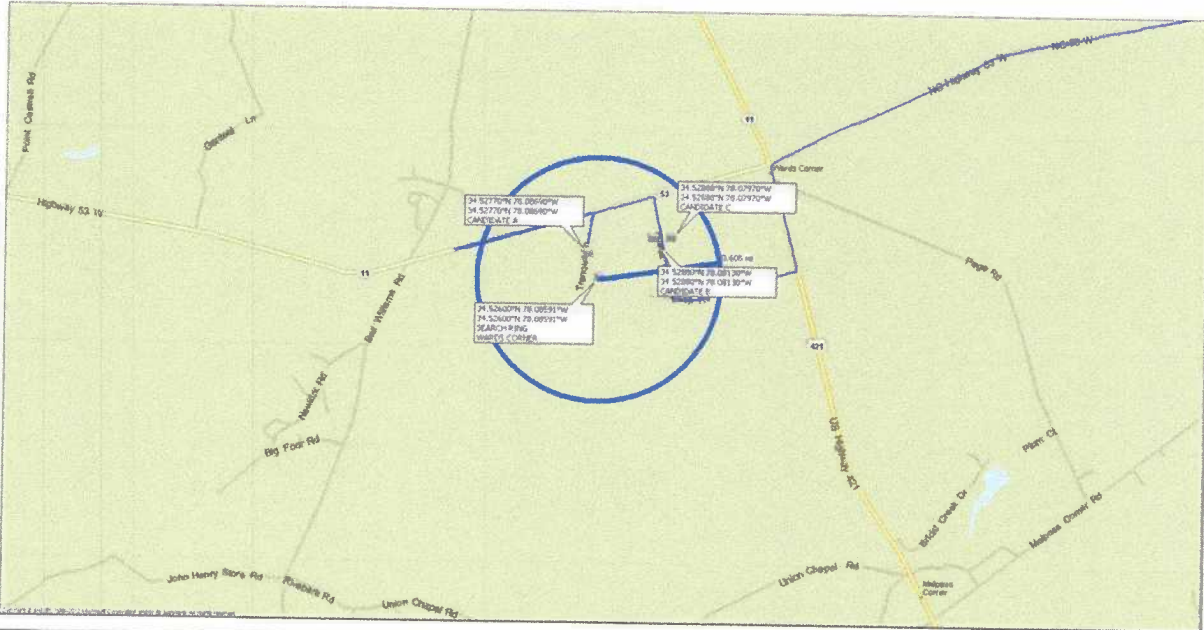




Entrance from Public ROW



Street Map
All CANDIDATES



SARF see below

U.S. Cellular **Site Acquisition Request Form (Revision 11.0)**

Site Name: Wards Corner		Site ID (if Known): TBD	RFE: Satinder Singh
Use this form as the cover page for the issuance of a new site search area. This form will also have additional supporting documents such as a general location map, site search area, coverage predictions, FAAA study or other pertinent information.			
Date form was created: 7/8/2018	Market: NC12		Required by Date:
City: Columbia	Switch: NC_CLIN	County: Pender	State: NC Zip Code: 28425
Site Objective: To improve invehicle coverage on Hwy 421 from Hwy210 intersection till Sitoh Rd and improve inbuilding in residential areas around Wards Corner			

Technology: LTE	Bands: LTE_700A_5MHz
Network Backhaul Design: 5MHz	
Ideal Location: 	
Latitude: 34° 31' 33.74"	or Lat Decimal: 34.526040
Longitude: -78° 5' 9.28"	or Long Decimal: -78.085912
	NAD 83
Ideal Site Configuration:	
Antenna Centerline: 150 ft.	Cell Type: Macro
Max Antenna Height: 8 ft.	Sectors: 3
Ground elevation: 53 ft.	
Req. min. AMSL: ft.	

Proposed Antenna Configuration (Optional) if you need to add more details about the antenna configuration that cannot be covered in this section, please use the "Special Instructions / Comments" section of this form.

	1	2	3	4	5	6
Technology	LTE					
Ant Mfr.						
Ant model						
Center freq						
Altitude						
Ref Ant						
EDF						
Ref Coax						
Ref Hybrid						

Specifications are only guidelines for site Acquisition. They may vary with site location.
 Document Owner: RF Engineering
 Last updated on 5/14/18

U.S. Cellular **Site Acquisition Request Form (Revision 11.0)**

Legal Information PLEASE NOTE: "td" answers to these questions indicate that the information will be determined at a future date by a site acquisition consultant

Nearest Airport	ACZ		Restricted AMSL?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> TBD
Est Distance:	12.18	NM	Max Allowed AMSL:	<input type="checkbox"/> ft.	<input checked="" type="checkbox"/>	<input type="checkbox"/> TBD
Est Bearing:	19.45		Extension Agreement:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> TBD
Nearest AM Tower:	NA		AM Detune Required?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> TBD
Est Distance:	0	km	Unserved Territory?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> TBD
Est Bearing:	0	deg	Phase II Required?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> TBD

Special Instructions / Comments

Attachments:
The following attachments are provided with this SARF document:

<input checked="" type="checkbox"/>	Street/search area map	<input type="checkbox"/>	topology map	<input type="checkbox"/>	coverage map (without site)
<input type="checkbox"/>	Coverage map (with site)	<input type="checkbox"/>	best server map		

Site/Location MAP:Wards Corner





INTERFERENCE AND PUBLIC SAFETY STATEMENT

The design and construction of the Proposed Facility does not create any substantial adverse effect, including value and injury (public safety) to the surrounding properties. The Proposed Facility will comply with all applicable structural engineering requirements and, if approved, could be reviewed by the City of Goldsboro at their sole discretion. The Facilities will be unstaffed and typically require one or two routine visits a month by a service technician. Hence, the Facility will not have a material impact on parking or traffic.

The Facility will be designed and constructed to meet all applicable governmental and industry safety guidelines. The Applicant will comply with FCC and FAA rules concerning construction requirements, safety standards, interference protection, power and height limitations, and radio frequency standards. The Facility will NOT interfere with any other radio devices such as TV's, radios or other cellular phones. Furthermore the Facility will not interfere with any household products such as microwave ovens. The Applicant is licensed and regulated by the federal Communications Commission ("FCC"), which imposes strict health, safety, and interference standards. The proposed Facility will comply with all rules and guidelines that regulation such installations including FCC guidelines with regards to human exposure to RF emissions. The FCC is the governing body that has jurisdiction over this area (RF emissions). It is therefore the belief of the Applicant that the Proposed Facility will be operated so that the public health, safety and welfare will be protected.

Sincerely

Ion Navarro
Senior RF Engineer