



Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317

Dianne Gerhold
Tel (724) 416-2639
Fax (724) 416-4639
www.crowncastle.com

March 17, 2011

Sent via First Class and Certified Mail

City of West Lafayette
Attn: Judith C. Rhodes
609 W. Navajo Drive
West Lafayette, IN 47904

RECEIVED

MAR 21 2011

2nd LETTER

RE: TOWER SITE: IN BOILERMAKER IND195
LOCATED IN: 705 S. RIVER ROAD
LAFAYETTE, IN: TIPPECANOE COUNTY
SITE #: 811108
AT&T MOBILITY

CLERK - TREASURER

Dear Landlord:

As you are aware, Crown Castle South LLC ("Lessee") is the lessee under the License and Right-of-Way Agreement (the "Agreement"). Lessee is the owner and operator of shared wireless communication facilities.

Please be advised that pursuant to section 2 of Amendment of the Agreement, Lessee hereby requests your consent and/or approval to add equipment to the tower at the above-referenced wireless communication facility. Please see the enclosed drawings for details of this proposed equipment modification.

Kindly provide your consent and approval to this proposed equipment modification by executing this letter where indicated below, and return the original of same to my attention in the envelope provided.

Thank you for your continued cooperation with Crown Castle South LLC. If you have any questions concerning this request, please contact me at 724-416-2639 or email at dianne.toth@crowncastle.com.

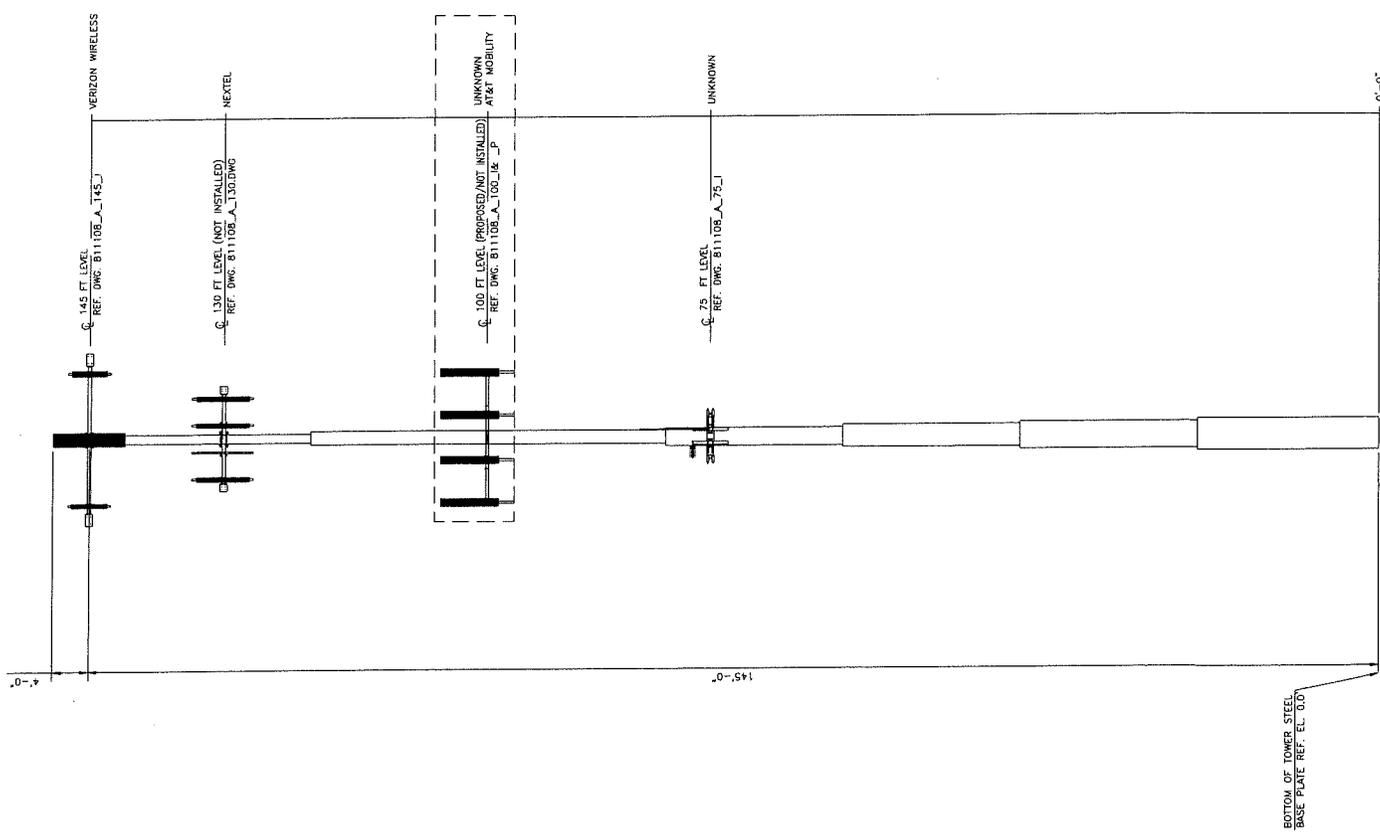
Best Regards,

Agreed and accepted this ____ day of _____, 20__

(Landlord's signature)

Dianne Gerhold
Property Specialist
Midwest Area

enclosures



0'-0"

145'-0"

0'-0"

BOTTOM OF TOWER STEEL
BASE PLATE REF. EL. 0.0

VERIZON WIRELESS

C. 145 FT. LEVEL
REF. DWG. B11108_A_145

NEXTEL
C. 130 FT. LEVEL (NOT INSTALLED)
REF. DWG. B11108_A_130DWG

UNKNOWN
AT&T MOBILITY
C. 100 FT. LEVEL (PROPOSED/NOT INSTALLED)
REF. DWG. B11108_A_100_18_P

UNKNOWN
C. 75 FT. LEVEL
REF. DWG. B11108_A_75



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Online Application

App Id:

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Preliminarily Approved

Application ID: 117488 Customer Documents (0) Revision # 1 Submitted: Feb 22 2011

Please review the application information.

Submitted By: Courtney Jensen
Original Submit Date: Feb 22 2011 **Desired Install Date:**
Reason for Application: Adding additional antennas to existing configuration **JDE Job Number** 150532
Application Type: Amendment to Existing License

Applications are subject to applicable Crown Castle engineering, regulatory, zoning/planning, and priority property-owner approval. Approval conditions may result in alternative requirements for type and/or placement of equipment. Approval conditions may also lead to additional or revised engineering analysis at Crown Castle discretion and upon consent of the customer.

Company Information

High Level Company: AT&T Mobility
MLA: BMI (w/Crown) 6/1/99 Sublease
Parent License #: 27631
Billing Company: AT&T Mobility
Address: 12555 CINGULAR WAY, SUITE 1300
City/Town: ALPHARETTA
State: GA **Postal Code:** 30004
Customer Job Number:
Customer Payment Reference: 10023847
Customer Site Name:
Customer Site Number: IN1007

Site Information

Crown Castle Site Name: BOILERMAKER IND195
Crown Castle Site ID: 811108
Crown Castle District: Indianapolis
Address: 705 S. River Rd.
City/Town: Lafayette
State: IN **Postal Code:** 47906
County: Tippecanoe
Latitude: 40° 24' 54.44" **Longitude:** -86° 54' 37.53"
Structure Type: MONOPOLE **Structure Height:** 145 ft
FiberTower Backhaul Available: No

Legal Entity Information

Operating Legal Entity: New Cingular Wireless PCS, LLC
Primary Contact: Josh Crouch **Phone:** 972-421-5327
E-mail: jcrouch@goodmannetworks.com **Fax:**
Address: 6400 International Parkway, Suite 1000

City/Town: Plano **State:** TX **Postal Code:** 75093
RF Contact: **Phone:**
E-mail:

Crown Contacts

Account Executive: Childers, Grant
Sales Coordinator: Jensen, Courtney
Project Manager: Juenger, Bryan
Project Coordinator: Wilson, Dona
Construction Manager: Talevski, Nick

Service Information

Please review the base station information.

Svc	Technology	EIRP (WATTS)	Std Frequency	Frequencies			
				Transmit		Receive	
				Start	Stop	Start	Stop
1	GSM	100.0		824.0	835.0	869.0	880.0
				845.0	846.5	890.0	891.5
2	LTE	100.0		698.0	806.0	806.0	894.0
3	UMTS	100.0		1710.0	1880.0	1880.0	2170.0
4	MW Link	100.0	5.8 GHz. Un-Licensed	5725.0	5875.0	5725.0	5875.0

Antenna Information

Please review the antenna list.

Pos.	Cust Mount Class / Eng Mount C Line	Type	Elev	Mount Level	Azimuth	Mfg. / Model	Transmit		Receive		Use Orient	Status	
							Svc	Start	Stop	Start			Stop
A	Platform Mount [LP 403-1]	Platform Mount	102	100.0	46	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RX Mid-Mount	Installed
								845.0	846.5	890.0	891.5		
B	Platform Mount [LP 403-1]	Platform Mount	102	100.0	46	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RX Mid-Mount	Installed
								845.0	846.5	890.0	891.5		
C	Platform Mount [LP 403-1]	Platform Mount	102	100.0	46	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RX Mid-Mount	Installed
								845.0	846.5	890.0	891.5		
D	Platform Mount [LP 403-1]	Platform Mount	102	100.0	60	POWERWAVE TECHNOLOGIES P65-17-XLH-RR	2	698.0	806.0	806.0	894.0	TX/RX Upright	Proposed
E	Platform Mount [LP 403-1]	Platform Mount	102	100.0	174	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RX Mid-Mount	Installed
								845.0	846.5	890.0	891.5		
F	Platform Mount	Platform Mount	102	100.0	174	POWERWAVE TECHNOLOGIES	1	824.0	835.0	869.0	880.0	TX/RX Mid-Mount	Installed
								845.0	846.5	890.0	891.5		

	Platform Mount [LP 403-1]				RA21.7752.00	3	1710.0	1880.0	1880.0	2170.0	TX/RX	
G	Platform Mount Platform Mount [LP 403-1]	102	100.0	174	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RXMid-Mount	Installed
				FT			845.0	846.5	890.0	891.5		
						3	1710.0	1880.0	1880.0	2170.0	TX/RX	
H	Platform Mount Platform Mount [LP 403-1]	102	100.0	180	POWERWAVE TECHNOLOGIES P65-17-XLH-RR	1	824.0	835.0	869.0	880.0	TX/RXUpright	Proposed
				FT			845.0	846.5	890.0	891.5		
						3	1710.0	1880.0	1880.0	2170.0	TX/RX	
I	Platform Mount Platform Mount [LP 403-1]	102	100.0	286	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RXMid-Mount	Installed
				FT			845.0	846.5	890.0	891.5		
						3	1710.0	1880.0	1880.0	2170.0	TX/RX	
J	Platform Mount Platform Mount [LP 403-1]	102	100.0	286	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RXMid-Mount	Installed
				FT			845.0	846.5	890.0	891.5		
						3	1710.0	1880.0	1880.0	2170.0	TX/RX	
K	Platform Mount Platform Mount [LP 403-1]	102	100.0	286	POWERWAVE TECHNOLOGIES RA21.7752.00	1	824.0	835.0	869.0	880.0	TX/RXMid-Mount	Installed
				FT			845.0	846.5	890.0	891.5		
						3	1710.0	1880.0	1880.0	2170.0	TX/RX	
L	Platform Mount Platform Mount [LP 403-1]	102	100.0	300	POWERWAVE TECHNOLOGIES P65-17-XLH-RR	1	824.0	835.0	869.0	880.0	TX/RXUpright	Proposed
				FT			845.0	846.5	890.0	891.5		
						3	1710.0	1880.0	1880.0	2170.0	TX/RX	

Feedline Information

Please review the feedline list.

Pos.	Customer Mount Class	Qty	Mfg.	Model	Length	Location	Ladder	Type	Status
A	Platform Mount	2	Primary: ANDREW	LDF5-50A	152.0 ft	EXQ1	BNDD		Installed
		1	Secondary: HABIA CABLE	301-61209-050	152.0 ft	EXQ1	BNDD		Proposed
B	Platform Mount	2	Primary: ANDREW	LDF5-50A	152.0 ft	EXQ1	BNDD		Installed
			Secondary:						
C	Platform Mount	2	Primary: ANDREW	LDF5-50A	152.0 ft	EXQ1	BNDD		Installed
			Secondary:						
D	Platform Mount	2	Primary: ROSENBERGER LEONI	RLSS 8AWG DC	152.0 ft	EXQ1	BNDD		Proposed
		1	Secondary: ROSENBERGER LEONI	A-DQZNB2Yn1750 N	152.0 ft	EXQ1	BNDD		Proposed
E	Platform Mount	2	Primary: ANDREW	LDF5-50A	152.0 ft	EXQ1	BNDD		Installed
			Secondary:						
F	Platform Mount	2	Primary: ANDREW	LDF5-50A	152.0 ft	EXQ1	BNDD		Installed
			Secondary:						
G	Platform Mount	1	Primary: ANDREW	LDF5-50A	152.0 ft	EXQ1	BNDD		Installed
			Secondary:						
H	Platform Mount	0	Primary:			EXQ1	BNDD		
			Secondary:						
I	Platform Mount	2	Primary: ANDREW	LDF5-50A	152.0 ft	EXQ1	BNDD		Installed

			Secondary:					
J	Platform Mount	2	Primary: ANDREW Secondary:	LDF5-50A	152.0 ft	EXQ1	BNDD	Installed
K	Platform Mount	1	Primary: ANDREW Secondary:	LDF5-50A	152.0 ft	EXQ1	BNDD	Installed
L	Platform Mount	0	Primary: Secondary:			EXQ1	BNDD	

Optional Component Information

Please review the optional component list.

Pos.	Customer Mount Class	Qty.	Type	Tower Mounted Equipment Mfg.	Model	Elevation	Status
A	Platform Mount	2	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
B	Platform Mount	2	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
C	Platform Mount	2	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
D	Platform Mount	1	BASESTN	RAYCAP	DC6-48-60-18-8F	102.0 ft	Proposed
		2	BASESTN	ERICSSON	RRUW	102.0 ft	Proposed
E	Platform Mount	1	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
F	Platform Mount	2	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
G	Platform Mount	1	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
H	Platform Mount	2	BASESTN	ERICSSON	RRUW	102.0 ft	Proposed
I	Platform Mount	1	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
J	Platform Mount	2	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
K	Platform Mount	1	TMA	POWERWAVE TECHNOLOGIES	LGP21404	102.0 ft	Installed
L	Platform Mount	2	BASESTN	ERICSSON	RRUW	102.0 ft	Proposed

Power Requirements			
Please review the power requirements.			
VAC	Need Crown Power	Phase	Amps
120/240	No	Single Phase	200

Lease, Pad, and Building Requirements					
Please review lease, pad, and building requirements.					
Building					
Building Id #:					
Building Type:	BLDG				
	Length	Width	Height	SQ. Footage	Status
Lease	23ft 0in	12ft 0in	10ft 0in	276.0	INSTLLD
Pad	23ft 0in	12ft 0in	10ft 0in	276.0	INSTLLD
Building	23ft 0in	12ft 0in	10ft 0in	276.0	INSTLLD

Other Pad Requirements	
Please review the other pad requirements.	
No cabinets, dishes or other pads exist for this application	
Number of Existing Cabinets:	0
Number of Proposed Cabinets:	0

Generator Requirements	
Please review the generator requirements.	
No generators exist for this application	

Battery Requirements				Is Battery Backup Required?	No
Please review the battery requirements.					
Type	Qty.	Mfg.	Model		
	0				
	0				

Comments/Additional Information

Please review your comments.

Comments:

No change to site plan.

Crown Castle Comments

Please review your comments.

Comments:

****Indicates where Cut Sheet data has been entered.**

*****Indicates where Cut Sheet Specification has been entered.**

NOTICE: Structural Analysis shall be performed in accordance with the current revision of the TIA/EIA 222 standard and applicable local building permit codes and standards. EME analysis shall be consistent with current revision of FCC/OSHA standard OETB 65. AM detuning, when required, will be performed to 47 CFR22.371. The customer is responsible for all analysis expenses. All construction drawings are subject to Crown Castle engineering approval prior to commencement of tower attachments and compound installations. Installation of equipment not conforming to approved drawings may violate the terms of the occupancy agreement and will be corrected at the customer's expense. Crown Castle requires drawings for pre-construction approval and as built drawings for physical configuration validation to be submitted as unlocked AutoCAD files (Version 2000i preferred).

Appendix A - Antenna, Feedline, TME Specifications

Antenna Specifications

Quantity	Manufacturer	Model	Type	Height	Width	Depth	Weight	Flat Plate Area
9	POWERWAVE TECHNOLOGIES	RA21.7752.00	PANEL	79.0 IN	11.0 IN	5.0 IN	37.8 LBS	6.0 FT2
3	POWERWAVE TECHNOLOGIES	P65-17-XLH-RR	PANEL	96.0 IN	12.0 IN	6.0 IN	59.0 LBS	0.0

Feedline Specifications

Quantity	Manufacturer	Model	Nominal Size	Nominal O.D.
16	ANDREW	LDF5-50A	7/8"	1.09 IN
1	HABIA CABLE	301-61209-050	3/8"	0.315 IN
2	ROSENBERGER LEONI	RLSS 8AWG DC	3/4	0.735 IN
1	ROSENBERGER LEONI	A-DQZNB2Yn1750 N	1/4"	0.27559 IN

Tower Mounted Equipment Specifications

Quantity	Manufacturer	Model	Weight	Dimensions			Frequency		Sail Area
				Length	Width	Height	Low	High	
14	POWERWAVE TECHNOLOGIES	LGP21404	14.1 LBS	2.6 IN	9.2 IN	14.4 IN	1850.0 MHZ	1990.0 MHZ	0.9FT2
6	ERICSSON	RRUW	44.09 LBS	6.65 IN	15.08 IN	25.04 IN	824.0 MHZ	2170.0 MHZ	0.0FT2
1	RAYCAP	DC6-48-60-18-8F	18.9 LBS	18.5 IN	11.0 IN	24.0 IN	0.0 MHZ	0.0 MHZ	0.0FT2

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