



**BOARD OF SUPERVISORS AGENDA ITEM REPORT**  
**CONTRACTS / AWARDS / GRANTS**

Award  Contract  Grant

Requested Board Meeting Date: December 1, 2020

\* = *Mandatory, information must be provided*

or Procurement Director Award

**\*Contractor/Vendor Name/Grantor (DBA):**

Crown Atlantic Company LLC

**\*Project Title/Description:**

Crown Castle Beacon Hill Site Tower License Agreement Amendment

**\*Purpose:**

Pima County Wireless Integrated Network (PCWIN) is upgrading the network backhaul to replace existing equipment with new, state-of-the-art microwave equipment that will provide faster, more reliable service to the public safety and public service entities that use PCWIN.

The First Amendment incorrectly noted the site modifications which resulted in a fee increase and was erroneously entered into by Motorola (Vendor) and Crown Castle (Site Owner). Crown Castle argued that the First Amendment was valid but agreed to delete portions of the First Amendment that were unacceptable to PCWIN via a Second Amendment.

The Second Amendment ratifies the First Amendment and executes the Second Amendment which deletes all unacceptable portions contained in the First Amendment.

**\*Procurement Method:**

Non-Procurement Contract. Not subject to Procurement Rules

**\*Program Goals/Predicted Outcomes:**

To provide faster, more reliable public safety radio communications throughout Pima County.

**\*Public Benefit:**

Faster, more reliable radio communications system for first responders and public service entities.

**\*Metrics Available to Measure Performance:**

The upgraded PCWIN network backhaul will provide a minimum of 99.999% reliability and uptime.

**\*Retroactive:**

No

**Contract / Award Information**

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Contract Number (i.e., 15-123): \_\_\_\_\_

Commencement Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Prior Contract Number (Synergen/CMS): \_\_\_\_\_

Expense Amount: \$\* \_\_\_\_\_  Revenue Amount: \$ \_\_\_\_\_

**\*Funding Source(s) required:**

Funding from General Fund?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

Contract is fully or partially funded with Federal Funds?  Yes  No

If Yes, is the Contract to a vendor or subrecipient? \_\_\_\_\_

Were insurance or indemnity clauses modified?  Yes  No

If Yes, attach Risk's approval.

Vendor is using a Social Security Number?  Yes  No

If Yes, attach the required form per Administrative Procedure 22-10.

**Amendment / Revised Award Information**

Document Type: CT Department Code: WIN Contract Number (i.e., 15-123): 20\*102

Amendment No.: Two (2) AMS Version No.: Five (5)

Commencement Date: December 1, 2020 New Termination Date: August 18, 2022

Prior Contract No. (Synergen/CMS): CT-IT 13\*058-5807C

Expense or  Revenue  Increase  Decrease Amount This Amendment: \$ 0.0

Is there revenue included?  Yes  No If Yes \$ \_\_\_\_\_

\*Funding Source(s) required: PCWIN Special Revenue Fund

Funding from General Fund?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

**Grant/Amendment Information** (for grants acceptance and awards)  Award  Amendment

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Grant Number (i.e., 15-123): \_\_\_\_\_

Commencement Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Amendment Number: \_\_\_\_\_

Match Amount: \$ \_\_\_\_\_  Revenue Amount: \$ \_\_\_\_\_

**\*All Funding Source(s) required:**

\*Match funding from General Fund?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

\*Match funding from other sources?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

\*Funding Source: \_\_\_\_\_

**\*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?**

Contact: Nicole Jennings

Department: PCWIN Telephone: 724-9320

Department Director Signature/Date: [Signature] 11-9-2020

Deputy County Administrator Signature/Date: [Signature] 11-4-2020

County Administrator Signature/Date: [Signature] 11/4/2020  
*(Required for Board Agenda/Addendum Items)*

**Pima County Wireless Integrated Network (PCWIN)**

**Project: Crown Castle Beacon Hill Site**

**Contractor: Crown Atlantic Company LLC**

**Contract No.: CT-WIN 20\*102 (FKA CT-IT 13\*0580)**

**Contract Amendment No.: Two (2)**

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**Orig. Contract Term:** 08/20/2012 - 08/19/2022

**Orig. Amount:** \$128,165.92

**Termination Date Prior Amendment:** 08/19/22

**Prior Amendments Amount:** \$ 0.0

**Termination Date This Amendment:** 08/18/22

**This Amendment Amount:** \$ 0.0

**Revised Total Amount:** \$128,165.92

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**SECOND AMENDMENT TO GOVERNMENT ENTITY TOWER LICENSE AGREEMENT**

**\*\*\*\*\*CONTRACT BEGINS ON NEXT PAGE\*\*\*\*\***

Customer Site Name: Crown Castle Beacon Hill Site  
Customer Contract No.: CT-WIN 20\*102

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 731109

<p><b>Pima County Wireless Integrated Network (PCWIN)</b></p> <p><b>Project: Crown Castle Beacon Hill Site</b></p> <p><b>Contractor: Crown Atlantic Company</b></p> <p><b>Contract No.: CT-WIN 20*102 (FKA CT-IT 13*0580)</b></p> <p><b>Contract Amendment No.: [02]</b></p>
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**SECOND AMENDMENT TO GOVERNMENT ENTITY TOWER LICENSE AGREEMENT**

This Second Amendment to Government Entity Tower License Agreement (this "Amendment") is made this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by and between Crown Atlantic Company LLC, a Delaware limited liability company ("Crown") and the Pima County Board of Supervisors, a political subdivision of the State of Arizona ("Customer").

**WHEREAS**, Crown (and/or certain of its predecessors-in-interest) and Customer (and/or certain of its predecessors-in-interest) entered into a certain Government Entity Tower License Agreement dated August 20, 2012, as may have been previously amended and/or assigned (hereinafter the "TLA"), whereby Customer leases or licenses from Crown certain space at a telecommunications facility described in the TLA (the "Site"), and

**WHEREAS**, on December 4, 2019, Crown and Customer entered into a certain First Amendment to Government Entity Tower License Agreement (the "First Amendment"), which First Amendment amended the TLA; and

**WHEREAS**, Crown and Customer desire to amend the TLA pursuant to the terms and subject to the conditions set forth herein.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to be legally bound to this Amendment as follows:

1. Unless clear from the context in which they are used, all capitalized terms used herein shall have the same meanings ascribed to them in the TLA.
2. Notwithstanding the date of this Amendment, and effective as of the date of full execution of the First Amendment, Section 2 of the First Amendment shall be deemed to have been deleted in its entirety.

**Customer Contract No.: CT-WIN 20\*102**

TT: E 853551  
Prepared by: D. Ware / L. Connors  
Prepared on: 4/07/2020  
Revised on: 9/30/2020  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 2  
MLA #: 278410

Customer Site Name: Crown Castle Beacon Hill Site  
Customer Contract No.: CT-WIN 20\*102

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 731109

3. For the avoidance of doubt, the parties wish to ratify certain information regarding the expiration dates of the current and final terms of the TLA. First, the parties acknowledge and agree that the current term of the TLA (*i.e.*, the term in effect as of the date on which this Amendment was prepared) is scheduled to expire on July 31, 2022 (the "Current Term Expiration Date"). As is set forth more fully in Section 4.2 of the TLA, the term of this TLA shall automatically extend after the Current Term Expiration Date for four (4) renewal periods of five (5) years each unless either party provides written notice to the other as specifically required by Section 4.2 of the TLA.
4. The parties acknowledge that Customer is making certain modifications to its space and/or equipment at the Site as described in Attachment A, attached hereto.
5. The descriptions of Customer's space on the tower set forth in the TLA (including, without limitation, any descriptions of Customer's space on the tower set forth in any schedules, exhibits or attachments to the TLA) are hereby amended and deleted in their entirety and replaced and superseded by and with the descriptions of Customer's space on the tower set forth in Attachment A and Attachment C, attached hereto.
6. The equipment descriptions and specifications with respect to Customer's tower-mounted equipment set forth in the TLA (including, without limitation, any equipment descriptions and specifications with respect to Customer's tower-mounted equipment set forth in any schedules, exhibits or attachments to the TLA) are hereby amended and deleted in their entirety and replaced and superseded by and with the equipment descriptions and specifications with respect to Customer's tower-mounted equipment set forth in Attachment A and Attachment C, attached hereto. The parties acknowledge and agree that, notwithstanding anything to the contrary herein, this Amendment does not in any way modify the equipment descriptions and specifications with respect to Customer's ground-based equipment set forth in the TLA (including, without limitation, any equipment descriptions and specifications with respect to Customer's ground-based equipment set forth in any schedules, exhibits or attachments to the TLA).
7. Except as expressly set forth in this Amendment, the TLA is otherwise unmodified, shall remain in full force and effect and is incorporated and restated herein as if fully set forth at length. In the event of any inconsistencies between the TLA and this Amendment, the terms of this Amendment shall control. Each reference in the TLA to itself shall be deemed to also refer to this Amendment.

[Remainder of Page Intentionally Left Blank]

**Customer Contract No.: CT-WIN 20\*102**

TT: E853551  
Prepared by: D. Ware / L. Connors  
Prepared on: 4/07/2020  
Revised on: 9/30/2020  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 2  
MLA #: 278410

Customer Site Name: Crown Castle Beacon Hill Site  
Customer Contract No.: CT-WIN 20\*102

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 731109

**IN WITNESS WHEREOF**, the parties have set forth their hand and seal as of the date indicated above.

**BY CROWN:**

Crown Atlantic Company LLC,  
a Delaware limited liability company

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Execution Date: \_\_\_\_\_

**BY CUSTOMER:**

Pima County Board of Supervisors,  
a political subdivision of the State of Arizona

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: Chairman, Board of Supervisors  
Execution Date: \_\_\_\_\_

**ATTEST**

\_\_\_\_\_  
Clerk of the Board

\_\_\_\_\_  
Date

**Customer Contract No.: CT-WIN 20\*102**


TT: E 853551  
Prepared by: D. Ware / L. Connors  
Prepared on: 4/07/2020  
Revised on: 9/30/2020  
SLA TLA Universal Amendment; 2/17/11

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Customer Contract No.: CT-WIN 20\*102

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 731109

**APPROVED AS TO FORM:**

  
\_\_\_\_\_  
Deputy County Attorney

Kell Olson  
\_\_\_\_\_  
Print DCA Name

10/28/2020  
\_\_\_\_\_  
Date

**APPROVED AS TO CONTENT:**

  
\_\_\_\_\_  
PCWIN Executive Director

10-27-2020  
\_\_\_\_\_  
Date

**Customer Contract No.: CT-WIN 20\*102**

TT: E853551  
Prepared by: D. Ware / L. Connors  
Prepared on: 4/07/2020  
Revised on: 9/30/2020  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
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Customer Site Name: Crown Castle Beacon Hill Site  
Customer Contract No.: CT-WIN 20\*102

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 731109

**ATTACHMENT A**

**Site Engineering Application**

(SEE ATTACHED)

**Customer Contract No.: CT-WIN 20\*102**

TT: E 853551  
Prepared by: D. Ware / L. Connors  
Prepared on: 4/07/2020  
Revised on: 9/30/2020  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 2  
MLA #: 278410





## Order Information

Order ID	Submitted By	Original Submit Date	JDE Job Number	Revision Number
514729	Emily Greene	Feb 24 2020	602776	2

*Orders 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.*

## Site Information

Site ID	Crown Castle Structure	Structure Height (ft)	Crown Castle Site Name
806356	A	100.0	BEACON HILL A03112005
Crown Castle District	County		
PHX	Pima		
Latitude	Longitude	Structure Type	Site Address
32° 23' 34.70"	-111° 8' 49.00"	SELF SUPPORT	10253 N Silverbell Road Tucson, AZ 85743

## Order Parameters

Who is the customer?	What do you want to do?	License Number	What is the Scope of your Order?
Pima County AZ	Amendment	303939	Tower Equipment

Are you changing a mount?  
--

What is the scope of work?

Final Configuration: (3) antennas, (1) MW, (1) junction box, (3) feedlines

## Customer

Billing Company	Billing ID Number	Billing Address	
PIMA COUNTY BOARD OF SUPERVISORS	613033	3434 E 22ND ST ATTN: NICOLE BURDETTE TUCSON, AZ 85713	
Operating Legal Entity	Operating Legal Entity ID		
PIMA COUNTY BOARD OF SUPERVISORS	613033		
Customer Site Name	Customer Site Number	Customer Job Number	Customer Payment Reference
Crown Castle Beacon Hill Site	CT-WIN 20*102	--	--
Customer Project Number	Customer Market	Customer Region	
--	--	--	
Project Management Vendor			
Crown Castle - PMV			

## Contacts

NAME	EMAIL	PHONE	ADDRESS
Nicole Jennins	Nicole.Jennings@pima.gov		

## RF Contacts

There are currently no Contacts for this order.

# Configuration Review

## Antennas

MCL (ft)	ACL (ft)	TOTAL	INSTALLED	PROPOSED	NOT INSTALLED	MANUFACTURER / MODEL	HEIGHT (in)	WIDTH (in)	DEPTH (in)	WEIGHT (lbs)
20	20	1	1	0	0	ANDREW / VHLP800-11	33.60	33.60	19.00	49.00
74	80	1	1	0	0	AMPHENOL / BCD-80010-EDIN-1.25	136.00	2.60	2.60	27.00
98	105	2	2	0	0	AMPHENOL / BCD-80010-EDIN-1.25	136.00	2.60	2.60	27.00

## Tower Mounted Equipment

MCL (ft)	ACL (ft)	TOTAL	INSTALLED	PROPOSED	NOT INSTALLED	MANUFACTURER / MODEL	TYPE	HEIGHT (in)	WIDTH (in)	DEPTH (in)	WEIGHT (lbs)
98	97	1	1	0	0	CLEARWIRE / CW JUNCTION BOX	JUNCTION BOX	12.00	12.00	6.00	2.00

## Feedlines

MCL (ft)	ACL (ft)	TOTAL	INSTALLED	PROPOSED	NOT INSTALLED	MANUFACTURER / MODEL	NOMINAL SIZE (in)	NOMINAL O.D. (in)
20	20	1	0	1	0	EUPEN / EU 90-FR	ELLIPTICAL	1.19
74	80	1	1	0	0	ANDREW / LDF5-50A	7/8	1.03
98	105	1	1	0	0	ANDREW / LDF5-50A	7/8	1.03

## Frequencies

SVC TECHNOLOGY	EIRP (WATTS)	STANDARD FREQUENCY	TRANSMIT FREQUENCY
MW Link	100.00		10.000 - 11.700GHZ

All Receive frequencies are approved.

## Cabinets

Number of Proposed Additional Cabinets  
0

## Lease Areas

There are currently no Lease Areas for this order

## Power

Do you need Crown to supply Power?

No

Battery Backup Required?

No

## Equipment

Order autopopulated from LMP(Installed Config)

### Antennas

MANUFACTURER / MODEL	ANTENNA CENTERLINE (ft)	AZIMUTH	CUSTOMER MOUNT CLASS	MOUNT ORIENTATION	STATUS
AMPHENOL / BCD-80010-EDIN-1.25	80	180	SIDE ARM MOUNT	Upright	Installed
ANDREW / VHLP800-11	20	330	PIPE MOUNT	Mid-Mount	Installed
AMPHENOL / BCD-80010-EDIN-1.25	105	120	SIDE ARM MOUNT	Upright	Installed
AMPHENOL / BCD-80010-EDIN-1.25	105	190	SIDE ARM MOUNT	Upright	Installed

### Tower Mounted Equipment

TYPE	MANUFACTURER / MODEL	TME CENTERLINE (ft)	LOCATED ON ANTENNA MOUNT?	MOUNT CLASS	STATUS
JUNCTION BOX	CLEARWIRE / CW JUNCTION BOX	97	Yes		Installed

**Feedlines**

TYPE	MANUFACTURER / MODEL	NOMINAL SIZE (in)	ATTACHED CENTERLINE (ft)	LENGTH (ft)	IN CONDUIT?	STATUS
COAX	ANDREW / LDF5-50A	7/8	80	130	No	Installed
COAX	ANDREW / LDF5-50A	7/8	105	155	No	Installed
ELLIPTICAL	EUPEN / EU 90-FR	ELLIPTICAL	20	70	No	Proposed

*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). Because manufacturers may change equipment specifications (e.g., length, width, height, depth or weight) for a Model Number without changing the Model Number itself, the equipment specifications for such Model Number as identified herein shall be used to determine exactly which version of equipment with such Model Number is approved by Crown Castle herein. Crown Castle may include the suffix "CCh" together with a number (indicating a version number) after a Model Number, which suffix is not part of the actual Model Number, but indicative of a known change to the equipment specifications applicable to such Model Number.*

Customer Site Name: Crown Castle Beacon Hill Site  
Customer Contract No.: CT-WIN 20\*102

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 731109

**ATTACHMENT B**

**Site Plan**

(INTENTIONALLY OMITTED)

**Customer Contract No.: CT-WIN 20\*102**

TT: E 853551  
Prepared by: D. Ware / L. Connors  
Prepared on: 4/07/2020  
Revised on: 9/30/2020  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 2  
MLA #: 278410

Customer Site Name: Crown Castle Beacon Hill Site  
Customer Contract No.: CT-WIN 20\*102

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 731109

**ATTACHMENT C**

**Level Drawing**

(SEE ATTACHED)

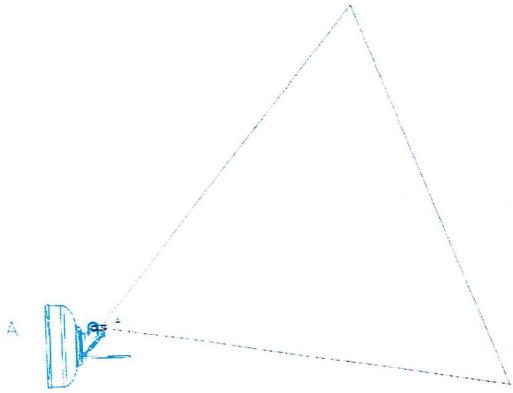
**Customer Contract No.: CT-WIN 20\*102**

TT: E853551  
Prepared by: D. Ware / L. Connors  
Prepared on: 4/07/2020  
Revised on: 9/30/2020  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 2  
MLA #: 278410

ANTENNA SUMMARY PIMA COUNTY AZ							
QTY	HS*	PRP'D	NOT INST	VLA/S/A/ABND	MANUFACTURER	MODEL	ANTEN E
1	0	1	0	0	MOORE	4L2500-11	ZC
FEEDLINE SUMMARY PIMA COUNTY AZ							
QTY	HS*	PRP'D	NOT INST	VLA/S/A/ABND	MANUFACTURER	MODEL	TYPE
1	0	1	0	0	EJPCN	EL 90-PR	ELLIPTICAL

QTY	HS*	PRP'D	NOT INST	VLA/S/A/ABND	MANUFACTURER	MODEL	SIZE	ANTENNA		FEEDLINE		TOWER	
								QTY	TYPE	QTY	TYPE	MTC	MODE
1	0	1	0	0	MOORE	4L2500-11	330	0	0	1	ELLIPTICAL	0	0



NO. OF SHEETS	1
TOTAL SHEETS	1
DATE	2/25/2020
BY	EZCAD
CHECKED BY	EZCAD

DRAWING CHECKED BY: EZCAD  
DRAWING DATE: 2/25/2020

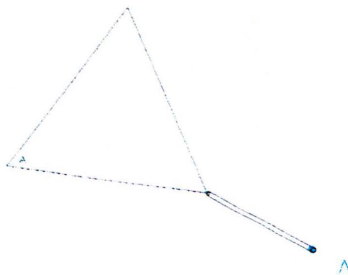
SITE NUMBER:   
SITE NAME:   
BEACON HILL 403112005  
BUSINESS UNIT NUMBER:   
006296  
SITE ADDRESS:   
10251 N SILVERBELL ROAD  
TUCSON, AZ 85742  
PIMA COUNTY  
US

SHEET TITLE: **20 FT PROPOSED LEV**  
SHEET NUMBER:

**DRAWING NOTES**  
1. THESE DIMENSIONS ARE FOR INFORMATION ONLY  
NOT FOR CONSTRUCTION OR INSTALLATION

ANTENNA SUMMARY PER COUNTY AZ							
QTY	INST	PREP'D	NOT INST	VLA/S/A/BEND	MANUFACTURER	MODEL	ANTEN Q
	0	0	0	0	MPEREX	BCB-8000-L2N-125	82
FEEDLINE SUMMARY PER COUNTY AZ							
QTY	INST	PREP'D	NOT INST	VLA/S/A/BEND	MANUFACTURER	MODEL	TYPE
	0	0	0	0	MPEREX	LD7-50A	772

ORIENT				CUSTOMER				ANTENNA				FEEDLINE				TOWER	
C	STATUS	MFG	MODEL	AZ	TTC-H	QTY	SIZE	QTY	TYPE	MFG	MODEL						
A	P	PERA COUNTY AZ	82	INSTALLED	MPEREX	BCB-8000-L2N-125	180		7/8	0							



CROWN REGION ADDRESS  
USA

NO. OF ANTENNAS	0
NO. OF FEEDLINES	0
NO. OF TOWERS	1
NO. OF MOUNTS	0
NO. OF BENCHES	0
NO. OF FOUNDATIONS	0

DRAWN/CHECKED BY: EZCAD  
DRAWING DATE: 2/25/2022

SITE NUMBER	
SITE NAME	
SITE ADDRESS	
BEACON HILL A03112005	
BUSINESS UNIT NUMBER	
906295	
SITE ADDRESS	
7855 N SILVERBELT ROAD TUCSON, AZ 85743 PERA COUNTY US	
SHEET TITLE	74 FT PROPOSED LEV
SHEET NUMBER	

**DRAWING NOTES**  
1. ALL DRAWINGS ARE FOR INFORMATION ONLY  
REQUIRE CONSTRUCTION OF STRUCTURE

ANTENNA SUMMARY PER COUNTY AZ						
QTY	INST	PREP'D	NOT INST	VLA/S/LA/ABND	MANUFACTURER	MODEL
2	2	0	0	0	MOORE	BCR-8001-12N-1.25

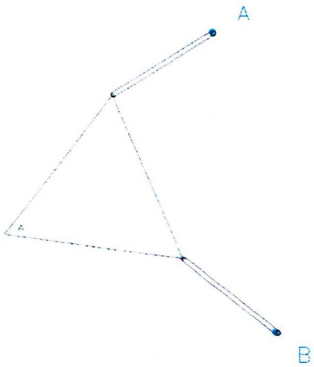
  

BY SUMMARY PER COUNTY AZ						
QTY	INST	PREP'D	NOT INST	VLA/S/LA/ABND	MANUFACTURER	MODEL
1	1	0	0	0	MOORE	BCR-8001-12N-1.25

FEEDLINE SUMMARY PER COUNTY AZ						
QTY	INST	PREP'D	NOT INST	VLA/S/LA/ABND	MANUFACTURER	MODEL
1	1	0	0	0	MOORE	J.D.S-55A

ORIENT	CUSTOMER	Q	STATUS	ANTENNA			FEEDLINE		TOWER			
				MFG	MODEL	AZ	TECH	QTY	SIZE	QTY	TYPE	MFG
A	PWA COUNTY AZ	105	INSTALLED	MOORE	BCR-8001-12N-1.25	100	1	7/8	1	MOORE	CLEARPIPE	DR-1200X
B	PWA COUNTY AZ	105	INSTALLED	MOORE	BCR-8001-12N-1.25	150	0	0				



CROWN REGION ADDRESS  
USA

NO. OF SHEETS	2	SHEET NO.	1
TOTAL SHEETS	2	TOTAL SHEETS	2

DRAWN/CHECKED BY: E2CAD  
DRAWING DATE: 2/25/2020

SITE NUMBER:  
SITE NAME:  
SITE NAME:  
BEACON HILL A03112005  
BUSINESS UNIT NUMBER:  
805395  
SITE ADDRESS:

11253 N SILVERBELT ROAD  
BUCCARON, AZ 85743  
PIMA COUNTY  
US

SHEET TITLE:  
98 FT PROPOSED LEV  
SHEET NUMBER:

**DRAWING NOTES**  
\* THESE DRAWINGS ARE FOR INFORMATION \*  
NOT FOR CONSTRUCTION OR LEGAL

LEVEL DRAWING | MOUNT: SO 306-1

EQUIPMENT CENTERLINES ARE ABOVE STEEL LEVEL (ASL) UNLESS OTHERWISE NOTED | SEE TOWER ELEVATION FOR REFERENCE

A1-98



Customer Site Name: Beacon  
Customer Site ID: N/A

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 723221

## FIRST AMENDMENT TO GOVERNMENT ENTITY TOWER LICENSE AGREEMENT

This First Amendment to Government Entity Tower License Agreement (this "Amendment") is made this 4 day of December, 2019, by and between Crown Atlantic Company LLC, a Delaware limited liability company ("Crown") and Pima County, a political subdivision of the State of Arizona ("Customer").

**WHEREAS**, Crown (and/or certain of its predecessors-in-interest) and Customer (and/or certain of its predecessors-in-interest) entered into a certain Government Entity Tower License Agreement dated August 20, 2012, as may have been previously amended and/or assigned (hereinafter the "TLA"), whereby Customer leases or licenses from Crown certain space at a telecommunications facility described in the TLA (the "Site"), and

**WHEREAS**, Crown and Customer desire to amend the TLA pursuant to the terms and subject to the conditions set forth herein.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to be legally bound to this Amendment as follows:

1. Unless clear from the context in which they are used, all capitalized terms used herein shall have the same meanings ascribed to them in the TLA.
2. The monthly fee due under the TLA shall increase by Two Hundred Seventy-Five and 00/100 Dollars (\$275.00) on the earlier of: i) the first (1st) day of the month following Crown's issuance of written notice to proceed with the modification of Customer's equipment at the Site, or ii) December 31, 2019.
3. The parties acknowledge that Customer is making certain modifications to its space and/or equipment at the Site as described in Attachment A, attached hereto.
4. The descriptions of Customer's space on the tower set forth in the TLA (including, without limitation, any descriptions of Customer's space on the tower set forth in any schedules, exhibits or attachments to the TLA) are hereby amended and deleted in their entirety and replaced and superseded by and with the descriptions of Customer's space on the tower set forth in Attachment A and Attachment C, attached hereto.
5. The equipment descriptions and specifications with respect to Customer's tower-mounted equipment set forth in the TLA (including, without limitation, any equipment descriptions and specifications with respect to Customer's tower-mounted equipment set forth in any schedules, exhibits or attachments to the TLA) are hereby amended and deleted in their entirety and replaced and superseded by and with the equipment descriptions and specifications with respect to Customer's tower-mounted

TT: E 853551  
Prepared by: L. Connors  
Prepared on: 11/08/2019  
Revised on:  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 0

Customer Site Name: Beacon  
Customer Site ID: N/A

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 723221

equipment set forth in Attachment A and Attachment C, attached hereto. The parties acknowledge and agree that, notwithstanding anything to the contrary herein, this Amendment does not in any way modify the equipment descriptions and specifications with respect to Customer's ground-based equipment set forth in the TLA (including, without limitation, any equipment descriptions and specifications with respect to Customer's ground-based equipment set forth in any schedules, exhibits or attachments to the TLA).

6. Except as expressly set forth in this Amendment, the TLA is otherwise unmodified, shall remain in full force and effect and is incorporated and restated herein as if fully set forth at length. In the event of any inconsistencies between the TLA and this Amendment, the terms of this Amendment shall control. Each reference in the TLA to itself shall be deemed to also refer to this Amendment.

[Remainder of Page Intentionally Left Blank]

TT: E 853551  
Prepared by: L. Connors  
Prepared on: 11/08/2019  
Revised on:  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 0

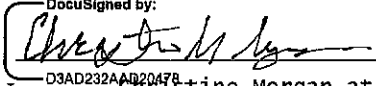
Customer Site Name: Beacon  
Customer Site ID: N/A

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 723221

**IN WITNESS WHEREOF**, the parties have set forth their hand and seal as of the date indicated above.

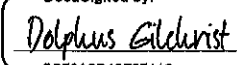
**CROWN:**

Crown Atlantic Company LLC,  
a Delaware limited liability company

DocuSigned by:  
By:   
Print Name: Christine Morgan at Crown Castle  
Title: Manager, Contract Development  
Execution Date: 12/4/2019 | 7:05:06 AM EST

**CUSTOMER:**

Pima County, AZ,  
a political subdivision of the State of Arizona

DocuSigned by:  
By:   
Print Name: Dolphus Gilchrist  
Title: PM  
Execution Date: 12/4/2019 | 1:05:03 AM EST

TT: E 853551  
Prepared by: L. Connors  
Prepared on: 11/08/2019  
Revised on:  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 0

Customer Site Name: Beacon  
Customer Site ID: N/A

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 723221

**ATTACHMENT A**

**Site Engineering Application**

(See attached approved Site Engineering Application)

TT: E 853551  
Prepared by: L. Connors  
Prepared on: 11/08/2019  
Revised on:  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 0



### Order Information

Order ID	Submitted By	Original Submit Date	JDE Job Number	Revision Number
504528	Emily Greene	Sep 19 2019	589783	0

*Orders 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.*

### Site Information

Site ID	Crown Castle Structure	Structure Height (ft)	Crown Castle Site Name
806356	A	100.0	BEACON HILL A03112005
Crown Castle District	County		
PHX	Pima		
Latitude	Longitude	Structure Type	Site Address
32° 23' 34.70"	-111° 8' 49.00"	SELF SUPPORT	10253 N Silverbell Road Tucson, AZ 85743

### Order Parameters

Who is the customer?	What do you want to do?	License Number	What is the Scope of your Order?
Pima County AZ	Amendment	303939	Tower Equipment
Are you changing a mount?			
--			

What is the scope of work?

Pima County proposes to remove existing MWs and feedlines, add (4) MWs, and (4) feedlines

### Customer

Billing Company	Billing ID Number	Billing Address	
Pima County, AZ	613033	3434 E 22ND STREET ATTN NICOLE BURDETTE TUCSON, AZ 85713	
Operating Legal Entity	Operating Legal Entity ID		
Pima County, AZ	613033		
Customer Site Name	Customer Site Number	Customer Job Number	Customer Payment Reference
Beacon	--	--	--
Customer Project Number	Customer Market	Customer Region	
--	--	--	
Project Management Vendor			
Crown Castle - PMV			

### Contacts

NAME	EMAIL	PHONE	ADDRESS
Chuck Gilchrist	chuck.gilchrist@motorolasolutions.com		

### RF Contacts

There are currently no Contacts for this order.

## Configuration Review

### Antennas

MCL (ft)	ACL (ft)	TOTAL	INSTALLED	PROPOSED	NOT INSTALLED	MANUFACTURER / MODEL	HEIGHT (in)	WIDTH (in)	DEPTH (in)	WEIGHT (lbs)
15	15	1	0	1	0	COMMSCOPE / VHLPX4-11W	49.30	49.30	27.40	88.00
18	18	1	0	1	0	COMMSCOPE / VHLPX800-11	33.60	33.60	19.00	49.00
20	20	1	0	1	0	COMMSCOPE / VHLP800-11	33.60	33.60	19.00	49.00
57	56	1	0	1	0	COMMSCOPE / VHLP800-11	33.60	33.60	19.00	49.00
74	80	1	1	0	0	AMPHENOL / BCD-80010-EDIN-1.25	136.00	2.60	2.60	27.00
98	105	2	2	0	0	AMPHENOL / BCD-80010-EDIN-1.25	136.00	2.60	2.60	27.00

### Tower Mounted Equipment

MCL (ft)	ACL (ft)	TOTAL	INSTALLED	PROPOSED	NOT INSTALLED	MANUFACTURER / MODEL	TYPE	HEIGHT (in)	WIDTH (in)	DEPTH (in)	WEIGHT (lbs)
57	50	2	2	0	0	CERAGON / FIBEAIR RFU-C	BASE STATION	7.87	7.87	3.35	9.00
98	97	1	1	0	0	CLEARWIRE / CW JUNCTION BOX	JUNCTION BOX	12.00	12.00	6.00	2.00

### Feedlines

MCL (ft)	ACL (ft)	TOTAL	INSTALLED	PROPOSED	NOT INSTALLED	MANUFACTURER / MODEL	NOMINAL SIZE (in)	NOMINAL O.D. (in)
15	15	1	0	1	0	ANDREW / EWP90	ELLIPTICAL	1.28
18	18	1	0	1	0	ANDREW / EWP90	ELLIPTICAL	1.28
20	20	1	0	1	0	EUPEN / EU 90-FR	ELLIPTICAL	1.19
57	56	1	0	1	0	EUPEN / EU 90-FR	ELLIPTICAL	1.19
74	80	1	1	0	0	ANDREW / LDF5-50A	7/8	1.03
98	105	2	2	0	0	ANDREW / LDF5-50A	7/8	1.03

### Frequencies

SVC TECHNOLOGY	EIRP (WATTS)	STANDARD FREQUENCY	TRANSMIT FREQUENCY
MW Link	100.00		10.000 - 11.700GHZ

All Receive frequencies are approved.

### Cabinets

Number of Proposed Additional Cabinets

0

### Lease Areas

There are currently no Lease Areas for this order

### Power

Do you need Crown to supply Power?

No

Battery Backup Required?

No

### Equipment

Order autopopulated from LMP(Installed Config)

#### Antennas

MANUFACTURER / MODEL	ANTENNA CENTERLINE (ft)	AZIMUTH	CUSTOMER MOUNT CLASS	MOUNT ORIENTATION	STATUS
AMPHENOL / BCD-80010-EDIN-1.25	80	180	SIDE ARM MOUNT	Upright	Installed
AMPHENOL / BCD-80010-EDIN-1.25	105	120	SIDE ARM MOUNT	Upright	Installed
AMPHENOL / BCD-80010-EDIN-1.25	105	190	SIDE ARM MOUNT	Upright	Installed
COMMSCOPE / VHLPX4-11W	15	82	PIPE MOUNT	Mid-Mount	Proposed
COMMSCOPE / VHLPX800-11	18	130	PIPE MOUNT	Mid-Mount	Proposed
COMMSCOPE / VHLP800-11	20	318	PIPE MOUNT	Mid-Mount	Proposed
COMMSCOPE / VHLP800-11	56	131	PIPE MOUNT	Mid-Mount	Proposed

#### Tower Mounted Equipment

TYPE	MANUFACTURER / MODEL	TME CENTERLINE (ft)	LOCATED ON ANTENNA MOUNT?	MOUNT CLASS	STATUS
JUNCTION BOX	CLEARWIRE / CW JUNCTION BOX	97	Yes		Installed
BASE STATION	CERAGON / FIBEAIR RFU-C	50	Yes		Installed
BASE STATION	CERAGON / FIBEAIR RFU-C	50	Yes		Installed

#### Feedlines

TYPE	MANUFACTURER / MODEL	NOMINAL SIZE (in)	ATTACHED CENTERLINE (ft)	LENGTH (ft)	IN CONDUIT?	STATUS
COAX	ANDREW / LDF5-50A	7/8	80	130	No	Installed
COAX	ANDREW / LDF5-50A	7/8	105	155	No	Installed
COAX	ANDREW / LDF5-50A	7/8	105	155	No	Installed
ELLIPTICAL	EUPEN / EU 90-FR	ELLIPTICAL	20	70	No	Proposed
ELLIPTICAL	EUPEN / EU 90-FR	ELLIPTICAL	56	106	No	Proposed
ELLIPTICAL	ANDREW / EWP90	ELLIPTICAL	15	65	No	Proposed
ELLIPTICAL	ANDREW / EWP90	ELLIPTICAL	18	68	No	Proposed

*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). Because manufacturers may change equipment specifications (e.g., length, width, height, depth or weight) for a Model Number without changing the Model Number itself, the equipment specifications for such Model Number as identified herein shall be used to determine exactly which version of equipment with such Model Number is approved by Crown Castle herein. Crown Castle may include the suffix "CCiv" together with a number (indicating a version number) after a Model Number, which suffix is not part of the actual Model Number, but indicative of a known change to the equipment specifications applicable to such Model Number.*

Customer Site Name: Beacon  
Customer Site ID: N/A

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 723221

**ATTACHMENT B**

**Site Plan**

(INTENTIONALLY OMITTED)

TT: E 853551  
Prepared by: L. Connors  
Prepared on: 11/08/2019  
Revised on:  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 0



Customer Site Name: Beacon  
Customer Site ID: N/A

Crown Site Name: BEACON HILL A03112005  
Crown Business Unit: 806356  
License Number: 303939  
Amendment Number: 723221

## **ATTACHMENT C**

### **Level Drawing**

(See attached CAD-Generated Level Drawing)

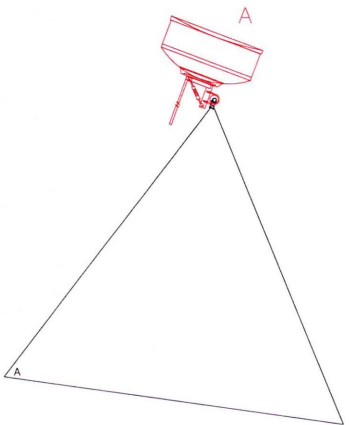
TT: E 853551  
Prepared by: L. Connors  
Prepared on: 11/08/2019  
Revised on:  
SLA TLA Universal Amendment; 2/17/11

LRF Rev. #: 1  
App Rev. #: 0

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FEEDLINE SUMMARY PIMA COUNTY AZ									
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	SIZE		
1	0	1	0	0	ANDREW	EWPS0	ELLIPTICAL		

				ANTENNA				FEEDLINE		TME			
ORIENT	CUSTOMER	€	STATUS	MFG	MODEL	AZ	TECH	QTY	SIZE	QTY	TME TYPE	MFG	MODEL
	PIMA COUNTY AZ	15	PROPOSED	COMMSCOPE	VHLPX4-11W	82		1	ELLIPTICAL	0			

**OPERATING LEGAL ENTITY: PIMA COUNTY**



CROWN REGION ADDRESS  
USA

NO.	DATE	DESCRIPTION	BY	SK
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DRAWN/CHECKED BY: EZCAD  
DRAWING DATE: 9/20/2019

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SITE NAME:  
SITE NAME:  
BEACON HILL A03112005  
BUSINESS UNIT NUMBER:  
806356  
SITE ADDRESS:

10253 N SILVERBELL ROAD  
TUCSON, AZ 85743  
PIMA COUNTY  
US  
SHEET TITLE

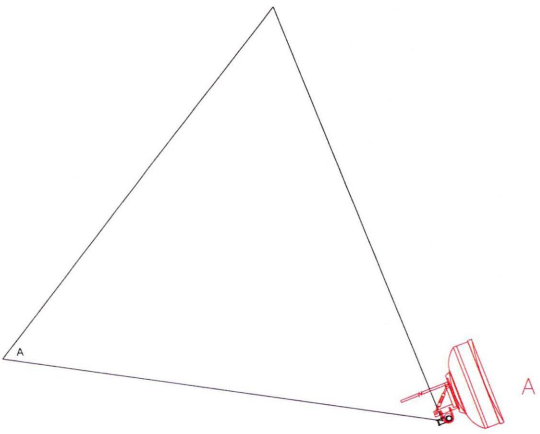
**DRAWING NOTES**  
1. THESE DRAWINGS ARE FOR REFERENCE ONLY.  
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15 FT PROPOSED LEV  
SHEET NUMBER

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										ANTENNA			FEEDLINE		TME			
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	PIMA COUNTY AZ	18	PROPOSED	COMMSCOPE	VHLPX800-11	130		1	ELLIPTICAL	0								

A :  
 MID PIMA COUNTY AZ 18 PROPOSED COMMSCOPE VHLPX800-11 130 1 ELLIPTICAL 0  
 OPERATING LEGAL ENTITY: PIMA COUNTY



CROWN REGION ADDRESS  
 USA

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DRAWN/CHECKED BY: EZCAD  
 DRAWING DATE: 9/20/2019

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 SITE NAME:  
 SITE NAME  
 BEACON HILL A03112005  
 BUSINESS UNIT NUMBER  
 806356  
 SITE ADDRESS

10253 N SILVERBELL ROAD  
 TUCSON, AZ 85743  
 PIMA COUNTY  
 US  
 SHEET TITLE

18 FT PROPOSED LEV  
 SHEET NUMBER

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LEVEL DRAWING | MOUNT: PM 601-1

EQUIPMENT CENTERLINES ARE ABOVE STEEL LEVEL (ASL) UNLESS OTHERWISE NOTED | SEE TOWER ELEVATION FOR REFERENCE

A1-18

PLOT DATE: 9/23/2019

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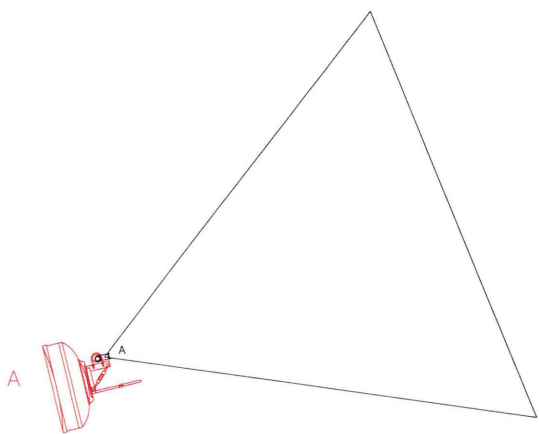
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TME SUMMARY PIMA COUNTY AZ								
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	TYPE	
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ANTENNA						FEEDLINE		TME					
ORIENT	CUSTOMER	€	STATUS	MFG	MODEL	AZ	TECH	QTY	SIZE	QTY	TME TYPE	MFG	MODEL
	PIMA COUNTY AZ		20 PROPOSED	COMMSCOPE	WHP800-11	318		1	ELLIPTICAL	0			

OPERATING LEGAL ENTITY: PIMA COUNTY



CROWN REGION ADDRESS  
USA

REVISIONS	NO.	DATE	DESCRIPTION	BY	SK
			UPDATED PER WORK ORDER 1793137		
		20/09/19			

DRAWN/CHECKED BY: EZCAD  
DRAWING DATE: 9/20/2019

SITE NUMBER:  
SITE NAME:  
SITE NAME:  
BEACON HILL A03112005  
BUSINESS UNIT NUMBER:  
806356  
SITE ADDRESS:

10253 N SILVERBELL ROAD  
TUCSON, AZ 85743  
PIMA COUNTY  
US

SHEET TITLE

20 FT PROPOSED LEV

SHEET NUMBER

DRAWING NOTES  
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NOT FOR CONSTRUCTION OR DESIGN.

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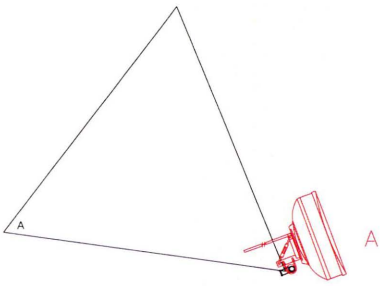
EQUIPMENT CENTERLINES ARE ABOVE STEEL LEVEL (ASL) UNLESS OTHERWISE NOTED | SEE TOWER ELEVATION FOR REFERENCE

A1-20

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TME SUMMARY PIMA COUNTY AZ									
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	TYPE		
2	2	0	0	0	CERAGON	FIBEAR RFU-C	BASESTN		
FEEDLINE SUMMARY PIMA COUNTY AZ									
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	SIZE		
1	0	1	0	0	EUPEN	EU 90-FR	ELLIPTICAL		

				ANTENNA				FEEDLINE		TME				
ORIENT	CUSTOMER	€	STATUS	MFG	MODEL	AZ	TECH	QTY	SIZE	QTY	TME	TYPE	MFG	MODEL
A	PIMA COUNTY AZ		INSTALLED					0	2	BASESTN			CERAGON	FIBEAR RFU-C
MID	PIMA COUNTY AZ		PROPOSED	COMMSCOPE	VHLP800-11	131		1	ELLIPTICAL	0				

OPERATING LEGAL ENTITY: PIMA COUNTY



CROWN REGION ADDRESS  
USA

REVISIONS	NO.	DATE	DESCRIPTION	BY	SK
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DRAWING DATE: 9/20/2019

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SITE NAME:  
BEACON HILL A03112005  
BUSINESS UNIT NUMBER:  
806356  
SITE ADDRESS:

10253 N SILVERBELL ROAD  
TUCSON, AZ 85743  
PIMA COUNTY  
US

SHEET TITLE

57 FT PROPOSED LEV

SHEET NUMBER

DRAWING NOTES  
1. THESE DRAWINGS ARE FOR REFERENCE ONLY.  
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LEVEL DRAWING | MOUNT: PM 601-1

EQUIPMENT CENTERLINES ARE ABOVE STEEL LEVEL (ASL) UNLESS OTHERWISE NOTED | SEE TOWER ELEVATION FOR REFERENCE

A1-57

ANTENNA SUMMARY PIMA COUNTY AZ							
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	ANTEN Q.
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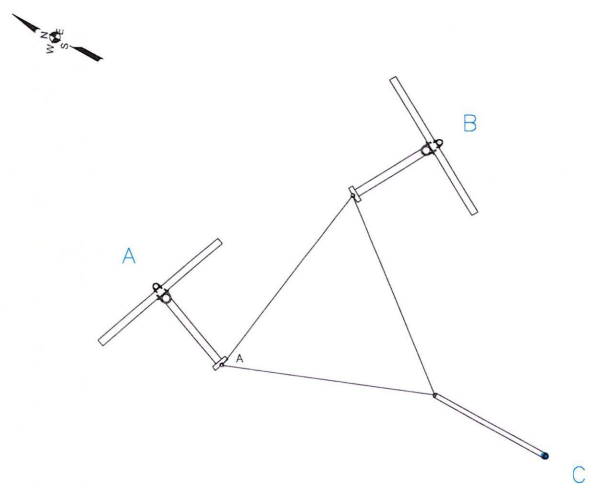
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QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	TYPE

FEEDLINE SUMMARY PIMA COUNTY AZ							
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	SIZE
1	1	0	0	0	ANDREW	LDF5-30A	7/8

ORIENT	CUSTOMER	€	STATUS	ANTENNA			FEEDLINE		TME					
				MFG	MODEL	AZ	TECH	QTY	SIZE	QTY	TME	TYPE	MFG	MODEL
A	PIMA COUNTY AZ		INSTALLED					1	7/8	0				
B														
C	PIMA COUNTY AZ	80	INSTALLED	AMPHENOL	BCD-80010-EDN-1.25	180		0		0				
D														
E														

OPERATING LEGAL ENTITY: PIMA COUNTY



CROWN REGION ADDRESS  
USA

REVISIONS	NO.	DATE	DESCRIPTION	BY	WT
		10/11/19	UPDATED PER WORK ORDER 1008499		

DRAWN/CHECKED BY: EZCAD  
DRAWING DATE: 11/8/2019

SITE NUMBER:  
SITE NAME:  
SITE NAME:  
BEACON HILL A03112005  
BUSINESS UNIT NUMBER  
806356  
SITE ADDRESS

10253 N SILVERBELL ROAD  
TUCSON, AZ 85743  
PIMA COUNTY  
US

SHEET TITLE

74 FT INSTALLED LEVEL

SHEET NUMBER

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LEVEL DRAWING | MOUNT: TA 702-1

EQUIPMENT CENTERLINES ARE ABOVE STEEL LEVEL (ASL) UNLESS OTHERWISE NOTED | SEE TOWER ELEVATION FOR REFERENCE

A1-74

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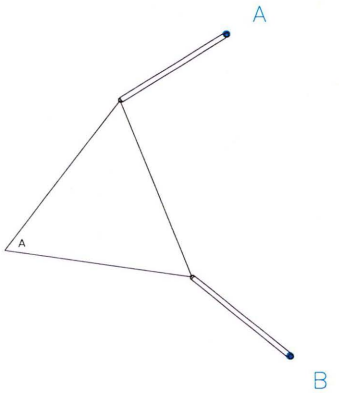
TME SUMMARY PIMA COUNTY AZ							
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	TYPE
1	1	0	0	0	CLEARWIRE	CW JNCINBOX	JNCINBOX

FEEDLINE SUMMARY PIMA COUNTY AZ							
QTY	INST	PRPSD	NOT INST	MLA/SLA/ABND	MANUFACTURER	MODEL	SIZE
2	2	0	0	0	ANDREW	LDF5-50A	7/8

ANTENNA										FEEDLINE				TME			
ORIENT	CUSTOMER	Q	STATUS	MFG	MODEL	AZ	TECH	QTY	SIZE	QTY	TME	TYPE	MFG	MODEL			
A	UP	PIMA COUNTY AZ	105	INSTALLED	AMPHENOL	BCD-80010-EDIN-1.25	120	1	7/8	1	JNCINBOX	CLEARWIRE	CW JNCINBOX				
B	UP	PIMA COUNTY AZ	105	INSTALLED	AMPHENOL	BCD-80010-EDIN-1.25	190	1	7/8	0							

OPERATING LEGAL ENTITY: PIMA COUNTY



CROWN REGION ADDRESS  
USA

REVISIONS	NO.	DATE	DESCRIPTION	BY	SK
		20/09/19	UPDATED PER WORK ORDER 1792137		

DRAWN/CHECKED BY: EZCAD  
DRAWING DATE: 9/20/2019

SITE NUMBER:  
SITE NAME:  
SITE NAME:  
BEACON HILL A03112005  
BUSINESS UNIT NUMBER:  
806356  
SITE ADDRESS:

10253 N SILVERBELL ROAD  
TUCSON, AZ 85743  
PIMA COUNTY  
US

DRAWING NOTES  
1. THESE DRAWINGS ARE FOR REFERENCE ONLY.  
NOT FOR CONSTRUCTION OR DESIGN.

98 FT INSTALLED LEVEL  
SHEET NUMBER

**Certificate Of Completion**

Envelope Id: 24A5FEB3C135418E811982C5E4F17A90 Status: Completed  
Subject: BU-806356\_PLIC-303939\_App-504528\_West\_BEACON HILL A03112005\_Pima County AZ\_Beacon  
BusinessUnit: 806356  
License: 303939  
Area: WTA  
ApplicationId: 504528  
District: PHX  
Source Envelope:  
Document Pages: 16 Signatures: 2 Envelope Originator:  
Certificate Pages: 4 Initials: 0 Lorraine Connors at Crown Castle  
AutoNav: Enabled 2000 Corporate Drive  
Envelopeld Stamping: Enabled Canonsburg, PA 15317  
Time Zone: (UTC-05:00) Eastern Time (US & Canada) Lori.Connors@crowncastle.com  
IP Address: 64.213.130.241

**Record Tracking**

Status: Original Holder: Lorraine Connors at Crown Castle Location: DocuSign  
11/11/2019 11:24:12 AM Lori.Connors@crowncastle.com

**Signer Events**

Dolphus Gilchrist  
chuck.gilchrist@motorolasolutions.com  
Security Level: Email, Account Authentication  
(None)

**Signature  
Completed**

Using IP Address: 72.201.67.44

**Timestamp**

Sent: 11/13/2019 1:25:28 PM  
Viewed: 12/4/2019 12:57:40 AM  
Signed: 12/4/2019 12:57:58 AM

**Electronic Record and Signature Disclosure:**

Accepted: 12/4/2019 12:58:47 AM  
ID: 999e9ab1-ea3f-400f-a453-1ee48b547dd5

Dolphus Gilchrist  
chuck.gilchrist@motorolasolutions.com  
PM  
Security Level: Email, Account Authentication  
(None)

DocuSigned by:  
*Dolphus Gilchrist*  
2C76A0D40F97416...

Signature Adoption: Pre-selected Style  
Using IP Address: 72.201.67.44

Sent: 12/4/2019 12:58:00 AM  
Viewed: 12/4/2019 12:58:47 AM  
Signed: 12/4/2019 1:05:03 AM

**Electronic Record and Signature Disclosure:**

Accepted: 12/4/2019 12:58:47 AM  
ID: 999e9ab1-ea3f-400f-a453-1ee48b547dd5

Christine Morgan at Crown Castle  
christine.morgan@crowncastle.com  
Manager, Contract Development  
Crown Castle International Corp.  
Signing Group: Crown Manager, Contract  
Development  
Security Level: Email, Account Authentication  
(None)

DocuSigned by:  
*Christine Morgan*  
D3AD232AA020478...

Signature Adoption: Pre-selected Style  
Using IP Address: 162.254.108.200

Sent: 12/4/2019 1:05:41 AM  
Viewed: 12/4/2019 7:04:15 AM  
Signed: 12/4/2019 7:05:06 AM

**Electronic Record and Signature Disclosure:**

Not Offered via DocuSign

**In Person Signer Events**

**Signature**

**Timestamp**

**Editor Delivery Events**

**Status**

**Timestamp**

**Agent Delivery Events**

**Status**

**Timestamp**



**Agent Delivery Events**

Chuck Gilchrist  
 chuck.gilchrist@motorolasolutions.com  
 Security Level: Email, Account Authentication  
 (None)

**Status**

**VIEWED**

Using IP Address: 140.101.95.252

**Timestamp**

Sent: 11/11/2019 11:27:23 AM  
 Viewed: 11/13/2019 1:23:41 PM  
 Completed: 11/13/2019 1:25:28 PM

**Electronic Record and Signature Disclosure:**  
 Accepted: 11/13/2019 1:23:41 PM  
 ID: e4033a37-012f4bd4-8452-3a21fb67076b

**Intermediary Delivery Events****Status****Timestamp****Certified Delivery Events****Status****Timestamp****Carbon Copy Events**

Meredith Norris  
 Meredith.Norris@crowncastle.com  
 Crown Castle International Corp.  
 Security Level: Email, Account Authentication  
 (None)

**Status**

**COPIED**

**Timestamp**

Sent: 11/11/2019 11:27:22 AM

**Electronic Record and Signature Disclosure:**  
 Not Offered via DocuSign

**Witness Events****Signature****Timestamp****Notary Events****Signature****Timestamp****Envelope Summary Events**

Envelope Sent  
 Certified Delivered  
 Signing Complete  
 Completed

**Status**

Hashed/Encrypted  
 Security Checked  
 Security Checked  
 Security Checked

**Timestamps**

12/4/2019 1:05:43 AM  
 12/4/2019 7:04:15 AM  
 12/4/2019 7:05:06 AM  
 12/4/2019 7:05:06 AM

**Payment Events****Status****Timestamps****Electronic Record and Signature Disclosure**

Parties agreed to: Dolphus Gilchrist, Dolphus Gilchrist, Chuck Gilchrist

**ELECTRONIC RECORD AND SIGNATURE DISCLOSURE**

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You may contact us to let us know of any changes related to contacting you electronically, to request paper copies of documents for execution and other documents and records from us, and to withdraw your prior consent to receive documents for execution and other documents and records electronically as follows:

- To contact us by phone call: 724-416-2000
- To contact us by email, send messages to: [esignature@CrownCastle.com](mailto:esignature@CrownCastle.com)
- To contact us by paper mail, send correspondence to  
 Crown Castle  
 2000 Corporate Drive  
 Canonsburg, PA 15317

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To let us know of a change to the e-mail address where we should send documents for execution and other documents and records to you, you must send an email message to [esignature@CrownCastle.com](mailto:esignature@CrownCastle.com) and state your previous e-mail address and your new e-mail address.

In addition, you must notify DocuSign, Inc. to arrange for your new email address to be reflected in your DocuSign account by following the process for changing e-mail in the DocuSign system.

**Required hardware and software**

Browsers:	Internet Explorer® 11 (Windows only); Windows Edge Current Version; Mozilla Firefox Current Version; Safari™ (Mac OS only) 6.2 or above; Google Chrome Current Version; <b>Note</b> : Pre-release (e.g., beta) versions of operating systems and browsers are not supported.
Mobile Signing:	Apple iOS 7.0 or above; Android 4.0 or above
PDF Reader:	Acrobat® Reader or similar software may be required to view and print PDF files
Screen Resolution:	1024 x 768

Enabled Security Settings:	Allow per session cookies
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