



February 6, 2015

Maine Land Use Planning Commission
c/o Karen Bolstridge, Regional Representative
106 Hogan Rd, Suite 7
BMHI Complex
Bangor, Maine 04401

Re: Maine RSA #4, Inc. d/b/a U.S. Cellular Corporation (USCC) – Telecommunication Facility

Dear Land Use Planning Commission:

The revised Application information is provided to address the proposed reduction of tower height for the telecommunications facility on the property owned by Christopher Cochran and located off of West Street in the Big Lake Township, Washington County, identified as Lot 25 on Map 04. USCC has performed improved Radio Frequency (RF) propagation studies on the proposed Big Lake Township area and have determined that a tower height of 190' instead of the originally proposed 250' tower height is sufficient to provide RF coverage in the area that meets the USCC coverage needs and the FCC Auction 901 coverage requirements which USCC desires to meet.

As such, the replacement pages provided to the original Application reflect the changes to the Application to address this change in tower height. In addition, the Site Plan engineering drawings have been revised to address the change in tower height. Drawing USCC-119_ARC-1A-2 has additionally been revised to include the installation of the Remote Radio Units (RRUs) and a Raycap SPD to the tower. The installation of these devices provides for improved RF propagation from the antennas by reducing the signal losses from the previous COAX cables for LTE transmission and reduces tower profile along the length of the tower.

The following information is provided to address the changes to the Application and other supporting documents resulting from the proposed tower height change to 190 feet.

- Revised cover page to the Application identifying a tower height of 190 feet for construction.
- Revised page (4) of the Application, changing the referenced document under "Exterior lighting" to Attachment (13) on Site Exterior Lighting.
- Revised page (8) of the Application, changing the tower height on the second bullet to 190'.
- Revised pages 43 to 55, Attachment (8) to Application to provide new Site Plan drawings for 190' tower.

- Revised page 70, Attachment (13) to the Application, “Site Exterior Lighting”. Revision limits exterior site lighting to equipment shelter only.
- New FAA Determination on the 190’ tower, (3) pages, dated 01/27/2015 stating “marking and lighting are not necessary for aviation safety”.
- Revised RF coverage maps of Big Lake Township area with proposed 190’ tower. Attachment provides (3) new coverage maps showing (1) network area coverage without 190’ tower, (2) network area coverage with 190’ tower, and (3) area coverage of Princeton area with 190’ tower only.
- Revised Predictive Viewshed Map 5 for 190’ tower. The original Map 5 to ttl-Architect Scenic Assessment dated 16 August, 2013 was for a proposed 250’ tower.

Please contact me for any additional material or information.

Thank you for your consideration of this application.

Respectfully submitted,



Jim Hebert / Black Diamond Consultants, Inc.
Duly Authorized Agent for RSA #4 d/b/a U.S.
Cellular

Big Lake Township

Site ID #424342

Application
For
Wireless Telecommunication Site Plan
To Construct a 190' Telecommunication Facility

Off of West Street
(Map 04, Lot 25)

Applicant

Maine RSA #4, Inc. d/b/a U.S. Cellular
By It's Duly Authorized Agent
Black Diamond Consultants, Inc.
312 Water Street
Gardiner, ME 04345



7. PROPOSED USES, STRUCTURES AND FEATURES

Proposed Use: What is the proposed use of your property?
 Residential Residential with Home Occupation Commercial or Industrial Public or Institutional Other: _____

New Structures: Will you be constructing or installing any new structures on your property? Yes No
 If yes, fill in a line on the table below for each new structure.

Type of structure (dwelling, garage, porch, shed, etc.)	Exterior dimensions (LxWxH)	Number of:		Type of Foundation (full basement, slab, post, etc.)	Distance(in feet) of structure from nearest:				
		Bedrooms	Plumbing or water fixtures		Road	Property line	Lake or pond	River or stream	Wetland
Please refer to Attachment (21) for info on proposed structures.	Please refer to Attachment (21) for info on exterior dimensions.	0	0	Please see foundation and slab info in Attach. (21)	800+	300+	3000+	7+ miles	1000'+

Other Proposed Features: If you are proposing to add any of these features, check off the feature and answer the appropriate questions:

<input checked="" type="checkbox"/> Driveways	Dimensions (LxW): <u>575' X 12'</u>	<input checked="" type="checkbox"/> Parking areas	Number of parking areas: <u>one</u>
	Shared driveway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Dimensions (LxW): <u>85' X 30'</u>
Distance of driveway (in feet) from nearest:		Distance of parking areas (in feet) from nearest:	
Property line	Lake or pond	River or stream	Wetland
200'+	3000+	7+ miles	1000'+
Will the driveway have a slope greater than 8%? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Signs exceeding LURC standards	Number of signs: _____
Will the driveway cross any flowing water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Dimensions (LxWxH): _____
If yes, what type of crossings will be used? <input type="checkbox"/> Bridge <input type="checkbox"/> Culvert			Will any signs be lighted? <input type="checkbox"/> Yes <input type="checkbox"/> No
Will crossings be sized at least 2½ times the cross-sectional area of the flowing water? <input type="checkbox"/> Yes <input type="checkbox"/> No			Distance of signs (in feet) from advertised structure or activity: _____
<input type="checkbox"/> Water supply	What type of water supply will serve the property? No water supply needed at facility	What features of the signs exceed LURC standards? _____ _____	
<input checked="" type="checkbox"/> Exterior lighting	List the fixtures that will be installed to illuminate your property:	Why do the signs need to exceed LURC standards? _____ _____	
Type of bulb	Watts	Cutoff fixture?	Motion activated?
Please refer to Attachment (13) for info on light fixtures		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		Will the signs be a hazard to traffic? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		How will the signs' design elements (color, bulk, materials, height, etc.) be compatible with the property and fit harmoniously into the surroundings? Please refer to Attachment (05) for info on facility signs	

8. SEWAGE DISPOSAL FOR NEW AND ALTERED STRUCTURES

Will any proposed new or altered structures include bedrooms, bathrooms or plumbing/water fixtures, or otherwise generate waste water? Yes No

9. WETLAND ALTERATIONS

Will your proposal alter any amount of land that is a mapped P-WL subdistrict or any ground below the normal high water mark of a lake, pond, river, stream, or intertidal area? Yes No

Will your proposal alter an acre or more of any land area, either upland or wetland? Yes No

10. FEMA FLOOD ZONING

Are you proposing first-time development or making substantial improvements to any existing development within a mapped FEMA floodplain? Yes No

LUPC APPLICATION FEE FOR BIG LAKE TOWNSHIP SITE

(LUPC APPLICATION FEE BASED ON LUPC GENERAL APPLICATIONS SECTION 1.04.B.8 “UTILITY FACILITIES PERMIT APPLICATIONS”)

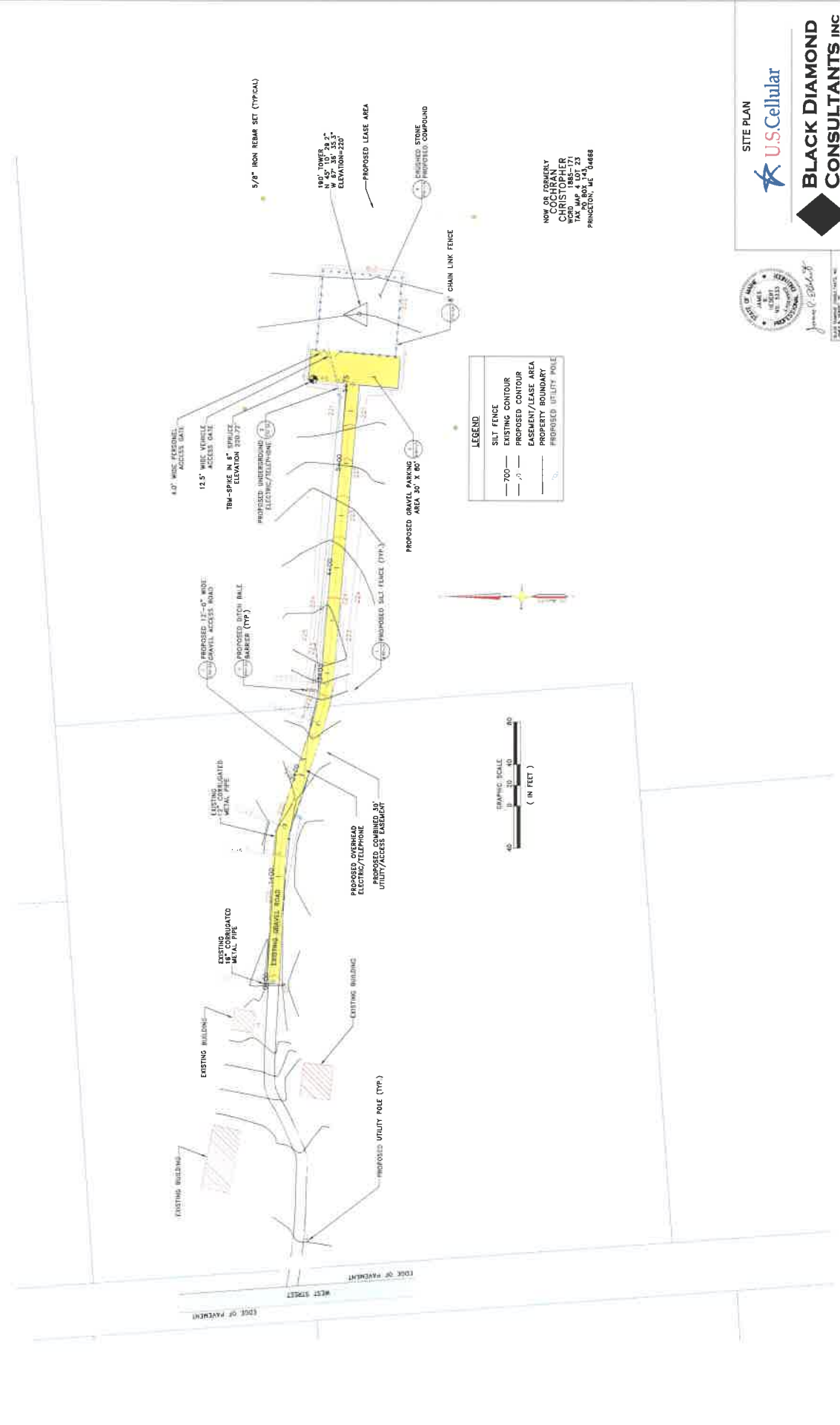
- BASE FEE ----- \$500.00
 - TOWER HEIGHT (\$1.00 per foot of Tower Height) – (190’X \$1.00/ft) ---- \$190.00

 - SITE STRUCTURE FOOTPRINTS (@ \$0.40/ft. of Footprint)
 - 12’ X 20’ Shelter = (240ft² X \$0.40/ft²) = ----- \$96.00
 - 2 – Shelter Stoops @ 5ft X 5ft = (2 X 25ft² X \$0.40/ft²) = ----- \$20.00
 - Miscellaneous Post/Sonotubes ----- \$30.00
- TOTAL ----- \$836.00**

APPLICATION FEE PAYED BY BDC CHECK # 12106

Classification: UNCLASSIFIED
 Quality Category: NON-Q

DRAWING NUMBER: USCC-119-CV-1A-2



LEGEND

— 700 —	SILT FENCE
- - - - -	EXISTING CONTOUR
- · - · -	PROPOSED CONTOUR
- - - - -	EASEMENT/LEASE AREA
- - - - -	PROPERTY BOUNDARY
○	PROPOSED UTILITY POLE



NOW OR FORMERLY
 COCHRAN
 COUNTY
 VCRD
 MAP 4 LOT 23
 TAX MAP 4-0488
 PRINCETON, AL 360488



SITE PLAN

U.S. Cellular

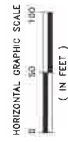
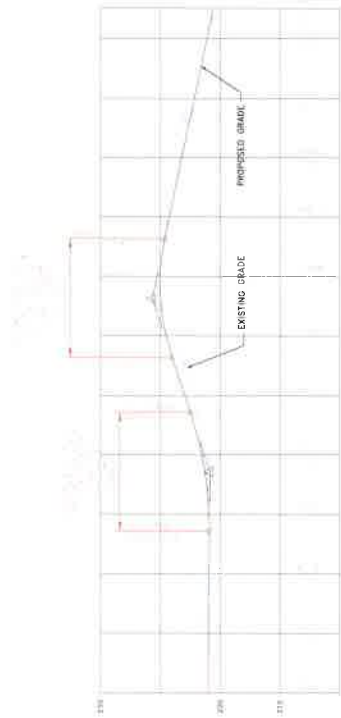
BLACK DIAMOND CONSULTANTS INC

DRAWING NUMBER: USCC-119-CV-1A-2

Classification: UNCLASSIFIED	PRINCETON
Quality Category: NON-Q	424342
DRAWING NUMBER: USCC-119-CV-1A-2	
DATE: 11/11/19 TIME: 10:00 AM PROJECT: U.S. CELLULAR DRAWING: SITE PLAN SHEET: 1 OF 1 SCALE: AS SHOWN DRAWN BY: JAMES C. EDWARDS CHECKED BY: JAMES C. EDWARDS APPROVED BY: JAMES C. EDWARDS TITLE: PROFESSIONAL ENGINEER LICENSE NO.: 100000000 STATE: ALABAMA	

DRAWING NUMBER
USCC-119_CIV-1B-0

Classification: UNCLASSIFIED
Quality Category: B01-A



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James P. Sedberry

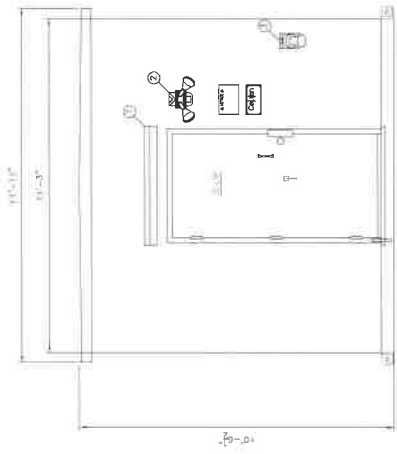
DATE	11/11/2019
BY	J.P. Sedberry
CHECKED BY	J.P. Sedberry
DATE	11/11/2019
PROJECT	USCC-119_CIV-1B-0
DRAWING NUMBER	USCC-119_CIV-1B-0
DATE	11/11/2019
BY	J.P. Sedberry
CHECKED BY	J.P. Sedberry
DATE	11/11/2019

ACCESS ROAD PROFILE
U.S. Cellular

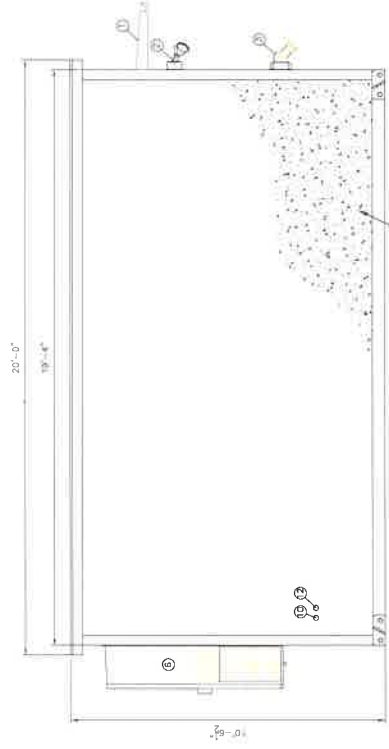


BLACK DIAMOND CONSULTANTS INC.
DRAWING NUMBER: USCC-119_CIV-1B-0
BSC/P/DRAFTING/BDC/USCC-119/USCC-119_CIV-1B-0

Classification: UNCLASSIFIED
Quality Category: B01-A
SITE NAME: PRINCETON
SITE NUMBER: 424342



1 EXTERIOR ELEVATION "A"
SCALE: NTS

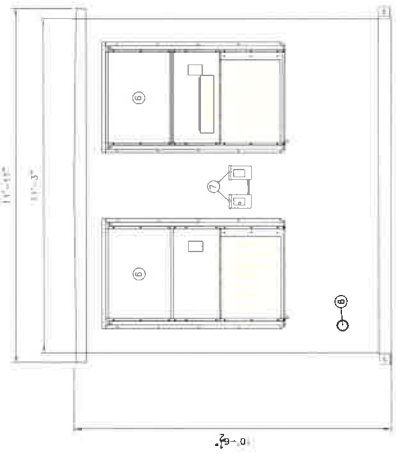


2 EXTERIOR ELEVATION "B"
SCALE: NTS

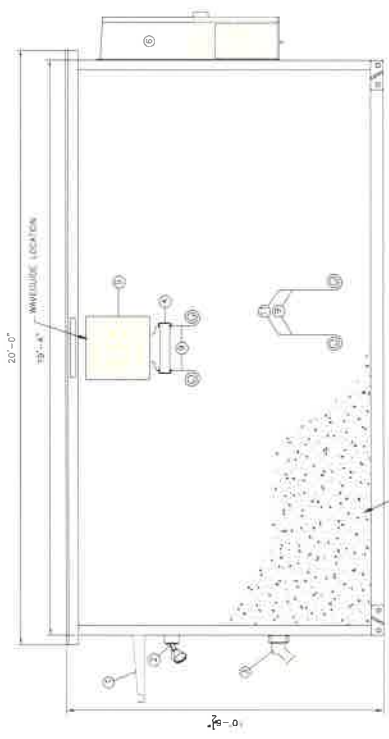
NO.	DESCRIPTION
1	DOOR CANOPY
2	EXTERIOR LIGHT FIXTURE
3	GENERATOR RECEPTACLE
4	EXTERIOR GROUND BARS
5	WARRANTY ENTRY
6	HVAC UNIT
7	JUNCTION BOX
8	TELECOM ENTRY - 4"
9	GROUND CABLE
10	SERVICE ENTRY
11	GROUND RING ENTRY
12	GENERATOR ENTRY

BUILDING REQUIREMENTS:
 BUILDING IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS NOT APPLICABLE.
PLUMBING REQUIREMENTS:
 FACILITY HAS NO PLUMBING.

NOTES:
 1. REFERENCE OTHER DRAWINGS FOR COMPLETE INSTALLATION AND MANUFACTURE. MANUFACTURER SHALL BE RESPONSIBLE FOR DESIGN AND STRUCTURAL REQUIREMENTS.
 2. ALL STRUCTURAL ATTACHMENTS TO CONCRETE SLAB OF EQUIPMENT SHELTER SHALL BE MOUNTED TO EXTERIOR OF EQUIPMENT SHELTER.



3 EXTERIOR ELEVATION "C"
SCALE: NTS



4 EXTERIOR ELEVATION "D"
SCALE: NTS

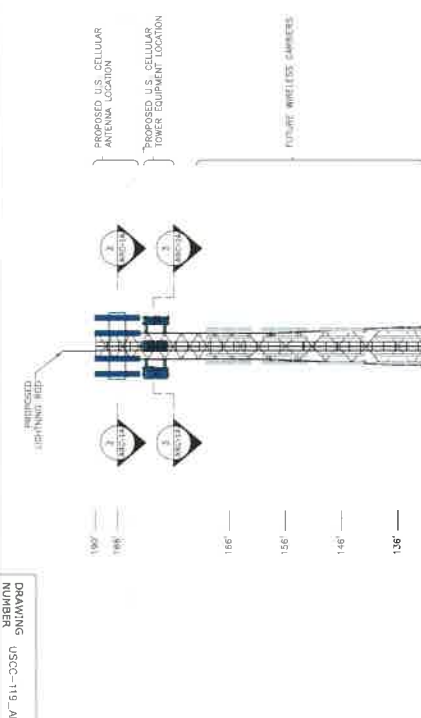
CELLULAR EQUIPMENT SHELTER ELEVATIONS

U.S. Cellular

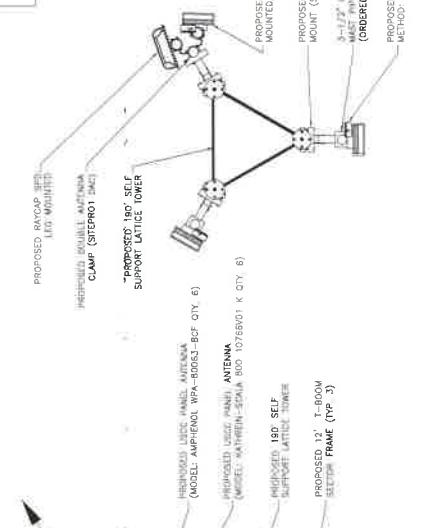
BLACK DIAMOND CONSULTANTS INC

BLACK DIAMOND CONSULTANTS INC
 1000 W. 10TH AVENUE, SUITE 100
 DENVER, CO 80202
 TEL: 303.733.1111
 FAX: 303.733.1112
 www.blackdiamond.com

PROJECT: CELLULAR EQUIPMENT SHELTER ELEVATIONS
 DRAWING NUMBER: USCC-119-CIV-3A-0
 DATE: 10/20/19
 DESIGNED BY: J. B. BROWN
 CHECKED BY: J. B. BROWN
 IN CHARGE: J. B. BROWN
 SCALE: AS SHOWN



3. ANTENNA LOCATION SECTION
SCALE: NTS



4. TOWER EQUIPMENT MOUNTING DETAIL
SCALE: NTS

ANTENNA CABLE AND TOWER MOUNTED EQUIPMENT SCHEDULE

ANTENNA MARK	SECTOR	ANTENNA EQUIPMENT	MEDIA/MECHANICAL DOWNFEED	RAD CENTER	CABLE	FORMER CABLE LENGTH	JUMPER CABLE LENGTH	REMAINING TOWER HEIGHT (MAGNETIC)	SECTOR/TECHNOLOGY LINE	COLOR CODE
A1	A	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	LCF158-50A-A7	230'	TBD	40'	57'	BR
A2	A	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	(2) HYBRID JUMPER CABLES		TBD	40'	57'	OR
A3	A	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	LCF158-50A-A7	230'	TBD	40'	57'	BR
A4	A	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	(2) HYBRID JUMPER CABLES 1-1/4" EUPEN		TBD	40'	57'	OR
B1	B	RAYCAP RUSDC 6267-P7-48			DC FIBER COAX JUMPER JUMPER CABLES		TBD			
B2	B	(2) ERICSSON RRU 11 MALLER COMBINERS SHC3558FIM-1			LCF158-50A-A7	230'	TBD	170'	187'	BR
B3	B	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	(2) HYBRID JUMPER CABLES		TBD	170'	187'	OR
B4	B	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	LCF158-50A-A7	230'	TBD	170'	187'	BR
C1	C	RAYCAP RUSDC 6267-P7-48			DC FIBER COAX JUMPER JUMPER CABLES		TBD			
C2	C	(2) ERICSSON RRU 11 MALLER COMBINERS SHC3558FIM-1			LCF158-50A-A7	230'	TBD	280'	297'	BR
C3	C	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	(2) HYBRID JUMPER CABLES		TBD	280'	297'	OR
C4	C	AMPHENOL PANEL WVA-R006L-R07-CON-3-25	0	185'	LCF158-50A-A7	230'	TBD	280'	297'	BR
D	D	RAYCAP RUSDC 6267-P7-48			DC FIBER COAX JUMPER JUMPER CABLES		TBD			

TOWER NOTES:
1 CONTRACTOR SHALL REFER TO TOWER MANUFACTURER DRAWINGS FOR COMPLETE INSTALLATION AND BILL OF MATERIALS.
2 TOWER MANUFACTURER DESIGN SPECIFICATIONS SHALL BE IN ACCORDANCE WITH ANSI/TIA-222-G STRUCTURAL STEEL BUILDING DESIGN AND CONSTRUCTION PRACTICE AND ANTENNAS, DESIGN OF AND COVERING FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS.
3 CONTRACTOR SHALL REFER TO THE TOWER MANUFACTURER DRAWINGS FOR CONFIGURATIONS AND INSTALLATION OF CABLES.

ANTENNA NOTES:
1 CONTRACTOR SHALL REFER TO TOWER MANUFACTURER DRAWINGS FOR COMPLETE INSTALLATION AND BILL OF MATERIALS.
2 TOWER MANUFACTURER DESIGN SPECIFICATIONS SHALL BE IN ACCORDANCE WITH ANSI/TIA-222-G STRUCTURAL STEEL BUILDING DESIGN AND CONSTRUCTION PRACTICE AND ANTENNAS, DESIGN OF AND COVERING FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS.
3 CONTRACTOR SHALL REFER TO THE TOWER MANUFACTURER DRAWINGS FOR CONFIGURATIONS AND INSTALLATION OF CABLES.

TOWER AND EQUIPMENT SHELTER ELEVATION
SCALE: NTS

PROPOSED U.S. CELLULAR TOWER EQUIPMENT LOCATION
PROPOSED U.S. CELLULAR ANTENNA LOCATION
FUTURE WIRELESS CAMERAS
GROUND ELEVATION = 220.0' A.M.S.L.
ELEV. = 0'±

Classification: UNCLASSIFIED
Quality Category: NON-Q

DRAWING NUMBER: USCC-119-ARC-1A-2

PRINCETON 424342

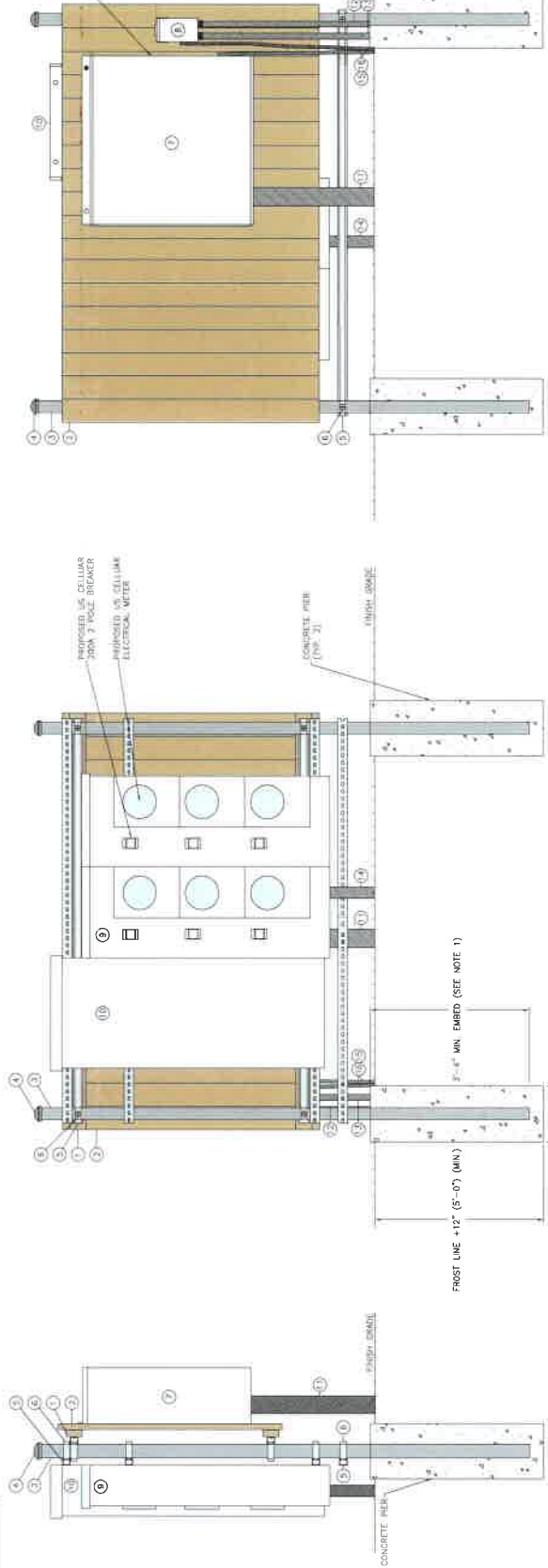
U.S. Cellular

BLACK DIAMOND CONSULTANTS INC

DRAWING NUMBER: USCC-119-ARC-1A-2



TOWER ELEVATION AND ANTENNA LOCATION SECTION



ELECTRICAL METER BOARD SIDE ELEVATION
SCALE: NTS

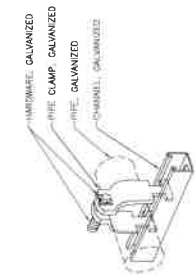
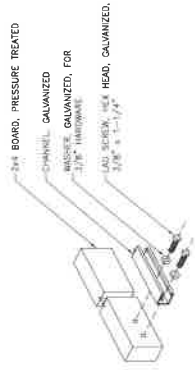
ELECTRICAL METER BOARD FRONT ELEVATION
SCALE: NTS

ELECTRICAL METER BOARD REAR ELEVATION
SCALE: NTS

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ITEM	DESCRIPTION
1	2" X 4" BOARD, SOUTHERN PINE, PRESSURE TREATED (EXTERIOR, ABOVE GRADE)
2	2 1/4" X 6" BOARD, SOUTHERN PINE, PRESSURE TREATED (EXTERIOR, ABOVE GRADE)
3	PIPE, SCHEDULE 40, GALVANIZED, 3"
4	2X4, GALVANIZED, 3"
5	CHANNEL, 1-5/8" X 1-3/8", SLOTTED HOLE, GALVANIZED
6	POST CLAMP, FOR 3" PIPE, GALVANIZED, WITH WEDGEWISE
7	ENCLOSURE, METER, FOR 3" PIPE, GALVANIZED, WITH WEDGEWISE
8	ENCLOSURE, METER, FOR 3" PIPE, GALVANIZED, WITH WEDGEWISE
9	ELECTRICAL DISTRIBUTION ENCLOSURE
10	ELECTRICAL DISTRIBUTION ENCLOSURE
11	CONDUIT, PVC, SCHEDULE 40, 1/2", TO STRONGWALL BOX
12	CONDUIT, PVC, SCHEDULE 40, 1/2", TO STRONGWALL BOX
13	CONDUIT, PVC, SCHEDULE 40, 1/2", TO EQUIPMENT SHIELDER
14	CONDUIT, PVC, SCHEDULE 40, 3/4", TO EQUIPMENT SHIELDER
15	GROUND CABLE, #2 BARE TINNED SOLID COPPER, WITH 2 HOLE LUG
16	CONDUIT, PVC, SCHEDULE 40, 3/4", TO GROUND BUS

NOTES:
1. BURIED LEGS AT LESS THAN 3'-6" CORNERS
2. LEGS WITH 4-1/2" X 8" DEEP HOLES AND GROUT.
3. REINFORCING STEEL WITH #3 TIES AT 6" O.C.



UNISTRUT AND GALVANIZED PIPE CONNECTION
PIPE CLAMP DETAIL
SCALE: NTS

UNISTRUT AND 2X4 BOARD CONNECTION
SCALE: NTS



ELECTRICAL DETAILS
U.S. Cellular

BLACK DIAMOND CONSULTANTS INC

ATTACHMENT # 13

SITE EXTERIOR LIGHTING

(The only exterior light proposed for the facility is located on the facility shelter. The light is a wall pack fixture of 50 to 100 watt and is a cutoff fixture designed to retain the light close to the shelter. The exterior light is used only when the facility is occupied for maintenance or facility checks. The light is connected to a timer that secures the light after approximately one hour of use. Please refer to attached page for information on the shelter lighting.)



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 2601 Meacham Boulevard
 Fort Worth, TX 76193

Aeronautical Study No.
 2015-ANE-59-OE
 Prior Study No.
 2014-ANE-49-OE

Issued Date: 01/27/2015

Sherry Rochford
 US Cellular Corporation - NH
 10 Corporate Drive Suite 210
 Bedford, NH 03110

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Antenna Tower 424342 Princeton
 Location: Princeton, ME
 Latitude: 45-10-29.20N NAD 83
 Longitude: 67-36-35.30W
 Heights: 220 feet site elevation (SE)
 196 feet above ground level (AGL)
 416 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 07/27/2016 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817) 321-7755. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-ANE-59-OE.

Signature Control No: 241397816-241477870

(DNE)

Debbie Cardenas
Technician

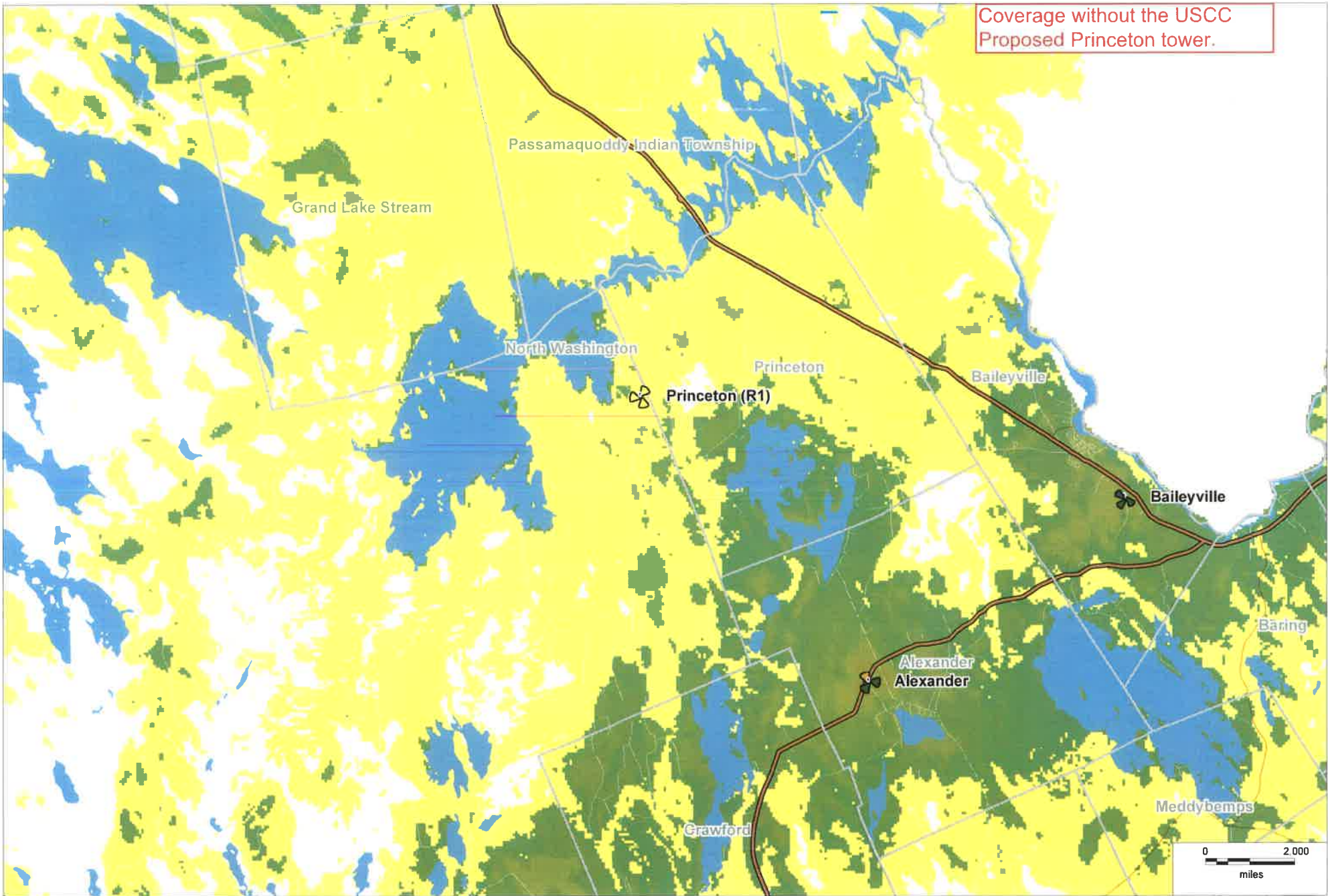
Attachment(s)
Frequency Data

cc: FCC

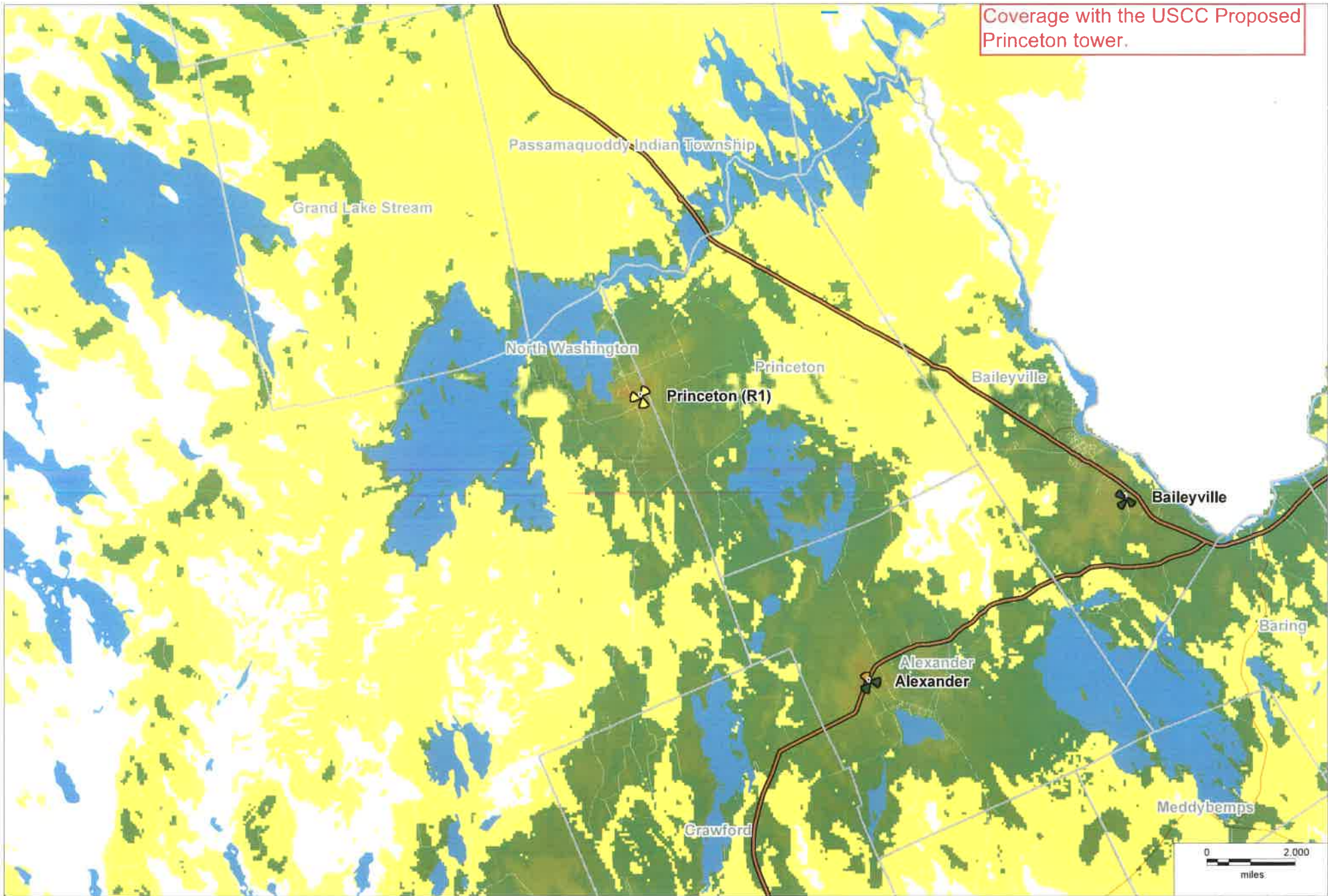
Frequency Data for ASN 2015-ANE-59-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W

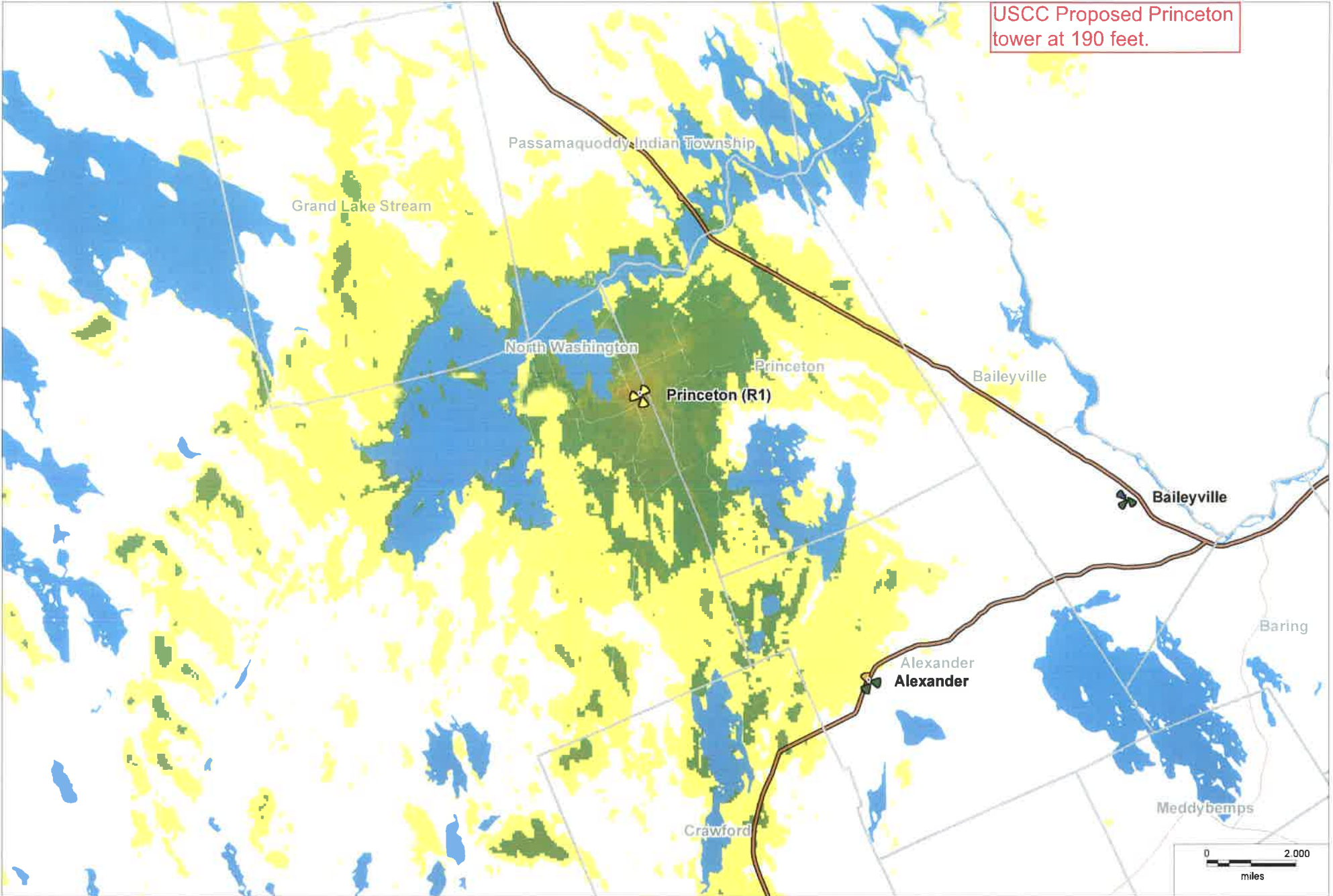
Coverage without the USCC
Proposed Princeton tower.



Coverage with the USCC Proposed Princeton tower.



USCC Proposed Princeton tower at 190 feet.



Passamaquoddy Indian Township

Grand Lake Stream

North Washington

Princeton

Princeton (R1)

Baileyville

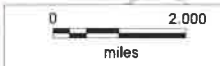
Baileyville

Baring

Alexander
Alexander

Crawford

Meddybemps

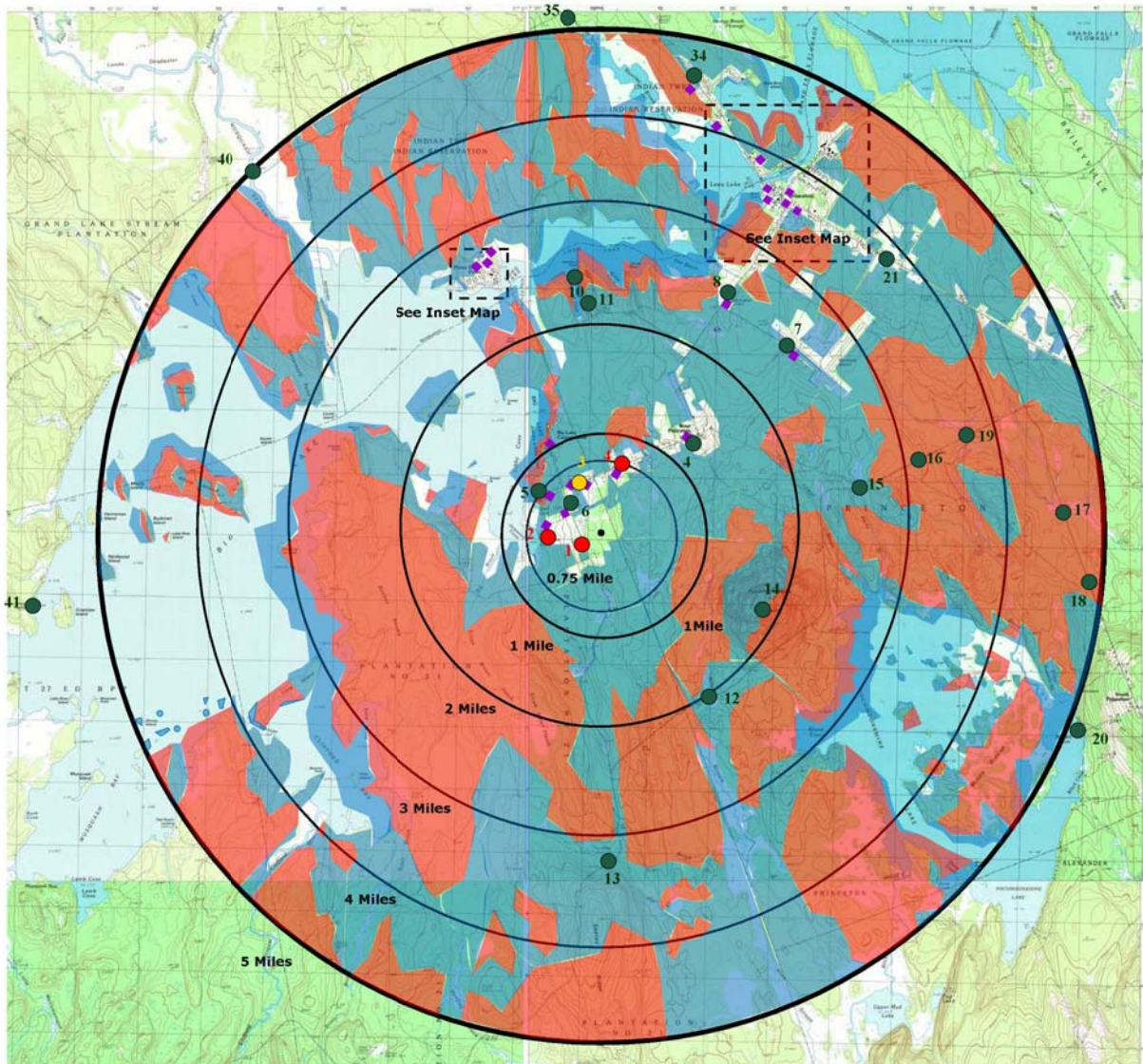


From: [Jim Hebert](#)
To: [Bolstridge, Karen](#)
Cc: "[Chad Hebert](#)"; [Megan McGuire](#); [Richard Houde](#)
Subject: RE: Revised Application and Supporting Documents for Big Lake Twp. with 190" Tower
Date: Monday, February 09, 2015 12:45:51 PM

Karen, I have received a revised Predictive Viewshed Map 5 for the 190' tower from ttl-Architect. The only change to the viewshed map is that it now also provides the photo references on the map as previously provided for the predictive viewshed map for the 250' tower. For the (4) referenced photos where the 250' lofted balloon was visible, please bear in mind that the height of the visible balloon would be reduced by 60' for the proposed 190' tower. Thanks, Jim

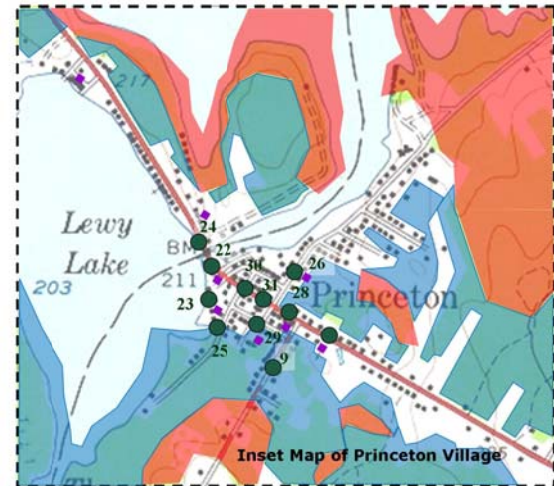
From: Jim Hebert [mailto:jrhebert@blckdiamond.net]
Sent: Friday, February 06, 2015 12:16 PM
To: 'Karen.Bolstridge@maine.gov'
Cc: 'Chad Hebert' (cjhebert@blckdiamond.net); Megan McGuire (mjmcguire@blckdiamond.net); Richard Houde (richard.houde@uscellular.com)
Subject: Revised Application and Supporting Documents for Big Lake Twp. with 190' Tower

Karen, attached is a pdf file of the revisions to the Big Lake Twp. Application with the 190' tower. The letter provides the information on the changes to the Application and documents in support of the proposed change from a 250' tower to 190'. Please let me know if you need hard copies of this submittal, including large size Site Plan drawings and how many of each that you need. Please let me know if you need any additional information. Thanks, Jim



LEGEND

- Obstructed View Due to Topography.
- Obstructed View Due to Tree Cover.
- Historic Resource
- Photograph—No View
- Photograph- View at 250'; predicted view at 190'
- Photograph- View at 250'; predicted no view at 190'



MAP 5 - PREDICTIVE VIEWSHED MAP 190' TOWER
Visual Assessment of USCC-119
Big Lake, No. 21 Township, Maine

Prepared by

