STEM 35

FILE COPY 2025,06:17

PETITION TO STOP THE PROPOSED CELL TOWER (PZ-25-00033, A PORTION OF SECTION 4 TOWNSHIP 14 NORTH, RANGE 66 WEST, LARAMIE COUNTY, CHEYENNE, WY, 2409 IRON MOUNTAIN ROAD)

We, the undersigned residents of the vicinity surrounding the proposed tower (location stated above) are writing to express our opposition to the proposed cell tower at 2409 Iron Mountain Road. We believe the tower is undesirable due to its potential negative impact on our community, including concerns about property values, health, and aesthetic considerations.

Property Values:

The presence of a cell tower will significantly negatively impact property values in our rural community. The tower's height and unsightly appearance will detract from the aesthetic appeal of our homes and the overall beauty of our rural properties.

Health Concerns:

There are growing concerns about the potential health effects of exposure to non-ionizing radiation emitted by cell towers. We believe the proximity of this tower to our homes and animals poses a risk to the health and well-being of our families, children, pets, and livestock.

Aesthetic Impact:

The proposed tower is an eyesore and will disrupt the natural beauty of our rural neighborhood. It is an inappropriate addition to the landscape and will negatively impact the quality of life for residents.

Alternatives:

We believe that there are alternative solutions that do not require the
construction of this tower. These solutions include the use of underground
infrastructure and the exploration of alternative technologies that would be
less disruptive to our community.

4

We urge the Laramie County Commissioners and the Laramie County Planning Board to reject the application for the proposed cell tower. We also urge you to prioritize the needs and concerns of the residents by protecting our property values, health and the aesthetics of our neighborhood.

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Felicia Karmande 3123 Iron MtRd 286-0029 (5 40 3123 Iron MtRd 421-6537 Har Mille 3:003 FRON MTRD 307-421-1305 Boundeton 307-421-348 3009 Courise Joseph Marie 309-214-2009 3009 Cochise Jeunie Narrais Mimila 2610 Iron Mrs Reach 307-920-1536 307 220 2076 Misty McMuller 2610 Iron Mountain Rd Out 307 421 2290 Fran Mountain RD DEAN Brutsman 1807 Shaylun terry 719 334 2483 2304 Iron Mountain Rd 71982 Josep Derry 230 4 Iron Morntain Rd 1927 309-214-2553 Den Mill 2226 Summer Hill ct.

for Dim 10319 POWDERHOUSE RAD AllyP 10414 Beartooth Dr Patrick Nealon 10617 BEARTOOTH DN 10809 BEARTOOTH DR. Zaren a. Malberg famille Smith 3132 Sitting Evil Dr. duce P Blom 2815 Black Fox Dr Wantalam 2815 Black Fex Rd-1119 Belmont ave. Tarrison 10712 Powderhouse Rd. arrison 638-8237

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Brian North	1160) Empire Dr. Cheyenne, Wy 82009	
Ann Rizzuto	11301 Empire Dr Cheyenne, NY 82009	
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Add'l petition Sigs #35 2025-06-17 (307)421-4455 NACO 11912-BELMONTANS 307-630-6014 - 12202 Belnmond 469-765-4355 Who And - 12203 BELMONT AUG Julia Burke 3034 Sitting Bull 317-632-020, Sont to Lowerinia Co Commissioners

2025-06-17 file

Laramie Counting Planning & Development Department 3966 Archer Pkwy Cheyenne, Wyoming 82009

RE: Project PZ-25-00033 Proposed cell tower location

As a neighbor within one-half mile of the proposed PZ-25-00033 cell tower, living on the north side of Iron Mountain, I am submitting my concerns about the location and associated issues.

- 1. The proposed cell tower is 150' high is located approximately 130 foot off of the 2409 Iron Mountain property line to the south of Iron Mountain road. Should the tower fall in one piece to the north, not as engineered to the west, it would have impact of approximately 20 foot over the property line and into the Iron Mountain road right of way or possibly onto an east bound lane of said road. Should the pole fall to the east it will knock down fences and land on property belonging to Galen and Terry Styskal.
- 2. Communications with real estate agents in Laramie County, I was that the aesthetics of the tower will be obtrusive to the neighbors which will decrease to value of their property. The only property that will be devaluated is that of 2409 Iron Mountain who will be paid for the lease of the cell tower site. It should also be noted that the current owners of the property, Mike and Lorinda Zumo. It is rumored that they intend to move and sell the property, less the cell tower lease which will make them lease money on said cell tower property.
- 3. There are proposed to be four companies leasing said cell tower. I have seen nothing as to the amount or strength of the radiation these antennas will be working at or putting out into the atmosphere with their radio frequency waves transmissions. Research studies on cell tower safety and electromagnetic hypersensitivity indicates there is a greater percentage of diagnosed cancer cases within close proximity, one-half mile or less. Nothing has been mentioned about commuters who drive Iron Mountain on daily/weekly basis to travel into Cheyenne or other areas for whatever reasons they use the roadway for. From what I have read, there needs to be more research of cell tower frequency radiation exposures before companied and research organizations have knowledgeable answers to radiation amounts and effects.
- 4. I agree with the comments of the McMillan letter that the site would be better established on property that would benefit state or county government. Placing the tower with the four pumping wells located on Iron Mountain Road, private property belonging to H.W. Wood Kids LLC will not accomplish this benefit to government benefit.
- 5. It appears that all letters will go to the Laramie Counting Planning & Development Department and nothing to the Laramie County Commissioners who need to know the feelings of the public. Also if a resident who would be effected by possible construction of said tower doesn't live on the south side of Iron Mountain Road, their comments could not be considered by the planning committee. All comments should also be forwarded to the Laramie County Commissioners.
- 6. I am attaching articles from "The Healthy Home Economist", Cell Phone Tower, "What Distance is Safe to Live?" and "American Cancer Society" "Cell Phone Towers" articles in reference to radiofrequency waves.

Kenny W. Roylance 11324 Belmont Avenue, Cheyenne, WY 82009 307-631-3722



Cell Tower PZ-25-00033

From michael basom <michaeld257@msn.com>

Date Thu 6/5/2025 3:28 PM

To commissioners@laramiecountywy.gov < commissioners@laramiecountywy.gov >

Cc planning@laramiecountywy.gov <planning@laramiecountywy.gov>

Distinguished Ladies and Gentlemen,

As a neighbor residing a bit outside the one-half mile area of the cell tower proposed for construction under the PZ-25-00033 application I realize that my input does not carry the same weight as that of my neighbors within that area. That said, my wife and I do however drive by the proposed project site multiple times every day and will be impacted by the negative aesthetic changes the project will bring to our neighborhood and the viewscape in particular.

I have read the comments filed by my neighbors regarding this matter and believe them to be accurate and worthy of fair and just consideration when determining whether to proceed with this project or not. To their many astute and relevant points I only wish to add that while communicational means such as towers are a necessary and integral part of the fabric of our modern lives, I believe that Master Sargent McMillan's suggestion that all could be better served if the tower were located in the vicinity of the oil wells to the east and further off the road to the south is the better reasoned developmental approach. Such action would group the non-residential and more industrial activities in an existing area that already hosts the same and thereby preserve the residential and agricultural nature of the area that current residents relied upon when deciding to make major investments in the homes they currently own.

Thank you for your consideration in this matter.

Sincerely,

Michael Basom 3029 Sitting Bull Road Cheyenne, Wyoming 82009

(307) 421-1553



Cell Tower Letter

From Chris Roth <croth12@mindspring.com>

Date Fri 6/6/2025 11:16 AM

To Ken Roylance <kenroylance@msn.com>

2 attachments (2 MB) image.png; image.png;

Kenny,

Here is my letter. Let me know what you think and if I missed anything that should be in it.

To the Planning Board and the Laramie County Commissioners,

I am writing in protest about the proposed PZ-25-00033 (150') Cell Tower being planned for 2409 Iron Mountain Road.

My wife and I live at 2712 Iron Mountain Road and we would be severely affected if this cell tower is constructed.

First off, these towers cause cancer from the radiation they emit. Research after research proves this, and yes, the cell tower companies say there needs to be more research, but I will bet you that no one that works at these cell tower companies would allow one to be installed within a few hundred feet of them or in their neighborhoods. There are at least four women living within a couple hundred yards and breast cancer is one of the most prevalent cancers caused by cell tower radiation. There is also at least one grade schooler, and many men, again, all of us are living within a couple hundred yards, so the likelihood of any or all of us getting cancer, caused by the cell tower is extremely high.

Therefore, I think it is critical to let the county, the cell tower companies and the owners of the property, Mike, and Lorinda Zumo, know that they will be held responsible for any cancer, medical bills, depreciation of property value and the decreased value of life from living on these properties, all caused by the cell towers.

The responsibility to stop the building of this cell tower, next to our homes, lies in the City of Cheyenne, Laramie County Commissioners, the Rocky Mountain Towers, and the Zumo's. Therefore, I believe that all our Medical Bills moving forward, caused by the cell towers, will be the responsibility of Laramie County in Wyoming, the City of Cheyenne, the Cell Tower company, and Zumo's. Both as groups and individually.

I know the letter said the tower will collapse on itself, but I honestly must call BS on that. It will fall the way the wind is pushing it. We do get remarkably high winds coming out of the south that would throw the tower into Iron Mountain Road. Which could cause death and destruction. Also, is the tower really needed right here? We just had fiber optics buried in all of our front yards.

Common Sense should tell all of you that it really does not take too much thought to move the cell tower, to where it will not cause cancer and other health problems in the area, where it will not depreciate the values of our homes, ruin our lifestyle and to where a collapse will not cause a danger to the public.

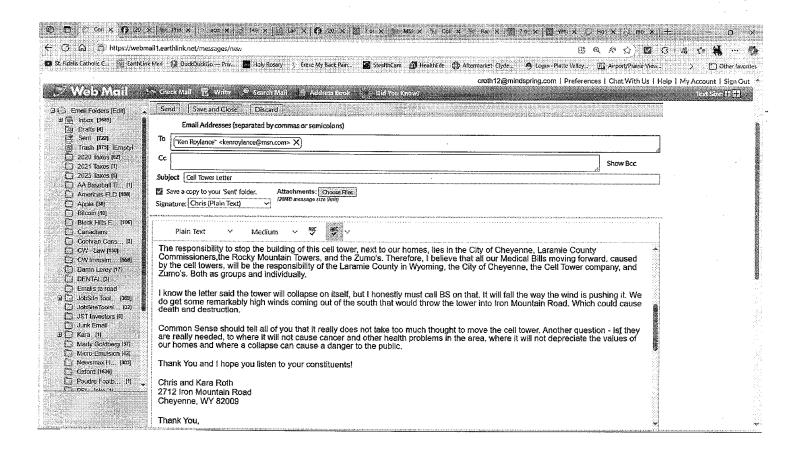
Thank You and I hope you listen to your constituents!

Chris and Kara Roth 2712 Iron Mountain Road Cheyenne, WY 82009

Thank You,

Chris Roth (307) 365-4920 croth12@mindspring.com

Important Notice: The contents of this electronic message and any attachments are intended only for the addressee and may contain confidential and privileged information. If you are not the addressee, you are notified that any transmission, distribution, downloading, printing or photocopying of the contents is strictly prohibited. If you have received this message in error, please notify the sender by return e-mail immediately and destroy all copies of the message and any attachments.





Fwd: Rocky Mountain's PZ-25-00033

From don franken <don.franken@att.net>

Date Thu 6/5/2025 10:59 AM

To kenroylance@msn.com <kenroylance@msn.com>

Hello Ken, this is what I sent today. I hope their inbox is flooded with these letters. I told Gaylin I am unfortunately out of town on the 17th.... I hope these are read out loud there!

Don

V/R

Don Sent from my iPhone

Begin forwarded message:

From: don franken <don.franken@att.net> **Date:** June 5, 2025 at 10:55:39 AM MDT **To:** commissioners@laramiecountywy.gov

Cc: Planning <planning@laramiecountywy.gov>

Subject: Rocky Mountain's PZ-25-00033

Gentlemen,

I echo the concerns of ALL of my the neighbors along the upper Powder House and Iron Mountain corridor. Property value, health, aesthetics, safety are but a few concerns that seem to be slept on by Laramie county with this idiotic tower. I can't believe our planning department is even entertaining this.

After purchasing this home with no warning I now stare at fracking wells in my back yard. To add Insult to injury, one relocating greedy resident is going to force dozens of HIGH paying tax payers to live with the burden of a cell tower. Not even an environmental health or community impact study given to residents? Tax payers worked all their life to live outside the city environment and this is what they get? Where is our representation? It is time for people to do what is right by 99 percent of the residents who do not want this tower.

Look around, there is ample land around to not disturb this community with. Stop lying down and just saying yes to this type of stuff. We are the ones paying the taxes! Nobody

wants that tower out here to worry about. It's about tax payers, not what's convenient for cell companies and the ONE greedy resident who does not have to live with burden of health, property values, and aesthetics.

Don Franken 2817 Black Fox Road

Sent from my iPhone

Catherine Cundall

From:

don franken <don.franken@att.net>

Sent:

Monday, May 12, 2025 6:45 AM

To:

Planning

Subject:

Rocky Mountain PZ-25-00033

Categories:

CATE

Attention: This email message is from an external (non-County) email address. Please exercise caution and/or verify authenticity before opening the email/attachments/links from an email you aren't expecting.

Your plan lacks abundant alternative's and appears harmful to our environment without regard for our in town rural appearance. We face ugly fracking oil rigs to the east of Black Fox Road at sunrise. Now a plan to build ridiculous tower to the west to stare at during sunset. Build that thing In another place where there are no homes. I will consider litigation if an alternative site is not chosen.

Don Franken 2817 Black Fox

Sent from my iPhone



Fwd: Cell Tower PZ-25-00033

From Galen Styskal <yearlings123@gmail.com>

Date Wed 5/28/2025 9:49 PM

To Ken Roylance <kenroylance@msn.com>

Sent from my iPhone

Begin forwarded message:

From: Galen Styskal <yearlings123@gmail.com>

Date: May 28, 2025 at 9:38:29 PM MDT **To:** Colby Styskal <cjstyskal@gmail.com> **Subject: Fwd: Cell Tower PZ-25-00033**

Sent from my iPhone

Begin forwarded message:

From: Colby Styskal <cjstyskal@gmail.com> **Date:** May 26, 2025 at 10:13:47 AM MDT **To:** Galen Styskal <yearlings123@gmail.com>

Subject: Cell Tower PZ-25-00033

I am contacting the county as a result of project Cell Tower PZ-25-00033. I understand the need for infrastructure, and putting a 150-foot tower near so many homes seems to be a very poor decision and the worst location. Other homeowners have already mentioned potential health hazards, environmental damage and visual blight on the landscape and all are very valid concerns.

I would like to call into question the project narrative letter. In one place it claims that the tower was supposed to be 200' but was then reduced to 150' because of the community. This stands in contrast to the 100' tower Mike Zumo told me about originally. The letter never seemed to acknowledge that this cell phone tower has been declined by at least one other land owner. I was

offered money in exchange for placing a 60' tower on my land, 2 or 3 years ago and I declined. A 150 foot tower is equivalent to a 15 story building in height. Why does the company care about the community now with a tower over twice the height? The owners of the property for this project are considering moving away and want to sell the property minus the location of the tower. I take this as a tacit admission that they also do not want the tower, but have a way to take the money while also not dealing with the unsightly tower.

In the event I or others ever decide to sell our property, will we be reimbursed for the lost property value? Does one person get to intentionally devalue the entire community and face no consequences? Who will compensate for the loss of property value?

I do not think allowing one person to affect this many people is in any form fair. We elect our county commissioners to preserve the community in the county, and we expect the county to not allow a company to come in and devalue the properties of many while waving dollars under the nose of one person.

Catherine Cundall

From: Cindy BRADEN
bradjim97@msn.com>

Sent: Tuesday, May 13, 2025 7:13 AM

To: Planning

Subject: Proposed Rocky Mountain Towers

Attention: This email message is from an external (non-County) email address. Please exercise caution and/or verify authenticity before opening the email/attachments/links from an email you aren't expecting.

To whom it may concern,

We oppose the proposed tower planned for Iron Mountain Road. Several years ago, a proposed cell tower was bought to the neighbors in Wyoming Ranchette area. It was turned down by all involved. The tower on Iron Mountain would be a terrible eye sore to the area. There are very beautiful homes out here and we do not want to have such a thing happen. I feel there would be a more suitable site for this that would not be along such a visible area. One away from such a busy traveled area. Please do not allow this to proceed.

Braden's 11119 Empire Road Cheyenne, Wy 82009 307-630-2487



FW: Concerned Citizens Against Cell Tower

From Narvais, Jeannie < Jeannie.Narvais-McMullen@va.gov>

Date Wed 5/21/2025 3:15 PM

kenroylance@msn.com <kenroylance@msn.com>

Attn Planning Committee

We will be living directly across the street from this cell tower, and we have several significant concerns. What we do know is that the closest distance one should live to any cell tower is 1650', with my home directly across a two lane road that puts us closer to being 400 ft away. We have two children and numerous studies have suggested a possible link between radiation exposure from cell towers and various health problems, including headaches, sleep disturbances, fatigue, and even more severe conditions like cancer. Although the scientific community has yet to reach a consensus on the long-term health impacts, the mere possibility of such risks is enough to cause considerable anxiety and stress among those living near cell towers.

In addition, the constant hum of the equipment and frequent maintenance activities contribute to persistent noise pollution, disrupting the tranquility of our rural area. We moved to the county to enjoy a peaceful and quiet environment, and these disturbances would greatly impact our quality of life. At home, we highly value the peace and natural beauty that surrounds us.

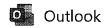
The presence of a cell tower not only serves as an eyesore, but also diminishes the aesthetic charm of our rural setting. This could negatively affect the overall value of the area, undermining the very qualities that make it a desirable place to live.

We are also very concerned about the risk of lightning strikes. If lightning were to strike the tower, it could inject a large current into the ground, creating dangerous voltage gradients that could affect not only the tower, but also nearby structures and equipment. This would add more anxiety to our home, especially during severe weather in the summer months. We have experienced this in the past when a nearby lightning strike affected our LED lighting throughout the house and damaged a TV, stereo system, and boiler control panel.

Why hasn't the planning committee considered placing this cell tower on state land near those unsightly oil rigs? Such a location seems more appropriate and could potentially allow for much needed compensation for our State.

V/R.

The McMullen's 2610 Iron Mountain Cheyenne Wy 82009



Cell Tower 2025

From Narvais, Jeannie <Jeannie.Narvais-McMullen@va.gov>
Date Wed 5/21/2025 2:37 PM
To ken roylance <kenroylance@msn.com>

Attn Planning Committee

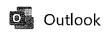
We will be living directly across the street from this cell tower, and we have several significant concerns. The constant hum of the equipment and frequent maintenance activities contribute to persistent noise pollution, disrupting the tranquility of our rural area. We moved to the county to enjoy a peaceful and quiet environment, and these disturbances would greatly impact our quality of life. At home, we highly value the peace and natural beauty that surrounds us.

The presence of a cell tower not only serves as an eyesore but also diminishes the aesthetic charm of our rural setting. This could negatively affect the overall value of the area, undermining the very qualities that make it a desirable place to live. In addition, numerous studies have suggested a possible link between radiation exposure from cell towers and various health problems, including headaches, sleep disturbances, fatigue, and even more severe conditions like cancer. Although the scientific community has yet to reach a consensus on the long-term health impacts, the mere possibility of such risks is enough to cause considerable anxiety and stress among those living near cell towers.

We are also very concerned about the risk of lightning strikes. If lightning were to strike the tower, it could inject a large current into the ground, creating dangerous voltage gradients that could affect not only the tower but also nearby structures and equipment. This would add more anxiety to our home, especially during severe weather in the summer. We have experienced this in the past when a nearby lightning strike affected our LED lighting throughout the house and damaged a TV, stereo system, and boiler control panel.

Why hasn't the planning committee considered placing this cell tower on state land near those unsightly oil rigs? Such a location seems more appropriate and could potentially allow the state to be compensated.

VR McMullen's 2610 Iron Mountain Cheyenne Wy 82009



Fwd: Opposition to Proposed Wireless Communication Facility and Monopole Construction at 2409 Iron Mountain Road

From Cori Hastings

bigsiscori@gmail.com>

Date Sat 5/10/2025 6:11 PM

To Ken Roylance <kenroylance@msn.com>

Hey Kenny, here's what I sent to the LC Planning and Development. I had ChatGPT write it for me. I'll have Google AI do one for Larry so they sound somewhat different.

----- Forwarded message ------

From: **Cori Hastings** < bigsiscori@gmail.com>

Date: Sat, May 10, 2025 at 6:09 PM

Subject: Opposition to Proposed Wireless Communication Facility and Monopole Construction at 2409

Iron Mountain Road

To: cplanning@laramiecounty.com>

Dear Planning and Development Officials,

I am writing as a concerned resident and property owner in Laramie County to formally express my opposition to the proposed construction of a wireless communication facility and monopole in our community.

While I understand the importance of expanding communication infrastructure, I believe this project raises serious concerns that should be thoroughly considered before any approval is granted:

1. Potential Health Risks

There is growing public concern over the possible health impacts associated with long-term exposure to electromagnetic fields (EMFs) emitted by wireless communication facilities. While the scientific community has not reached a definitive consensus, several peer-reviewed studies have raised red flags regarding the potential biological effects of chronic EMF exposure, particularly for vulnerable populations such as children and the elderly. It would be irresponsible to proceed with construction without a comprehensive, independent environmental and health impact assessment.

2. Property Devaluation

Numerous studies and real estate reports indicate that the presence of a cell tower or similar facility can lead to a measurable decrease in nearby property values. The visual blight of a monopole and the associated infrastructure can make homes in the vicinity less desirable, directly impacting property owners like myself who have invested significantly in our homes and neighborhoods.

3. Visual and Environmental Impact

The erection of a monopole will permanently alter the landscape and aesthetic of our area, undermining the rural and scenic character that defines Laramie County. This kind of industrial

development is incompatible with residential zones and can erode the overall quality of life for nearby residents. Furthermore, such structures can have adverse effects on local wildlife, particularly birds.



INDEPENDENT GONSULTANT

Cori Hastings

https://www.pamperedchef.com/pws/chastings - website where you can find recipes, sign up to watch cooking demos and be included in drawings, and order Pampered Chef products.

https://www.facebook.com/CoriPChef - my business Facebook page, where I post recipes, information about current sales, the occasional game and food pix.

https://www.facebook.com/CoriHastingsFB/ - my personal page.



INDEPENDENT CONSULTANT

Cori Hastings

https://www.pamperedchef.com/pws/chastings - website where you can find recipes, sign up to watch cooking demos and be included in drawings, and order Pampered Chef products.

https://www.facebook.com/CoriPChef - my business Facebook page, where I post recipes, information about current sales, the occasional game and food pix.

https://www.facebook.com/CoriHastingsFB/ - my personal page.

Catherine Cundall

From:

Terry <yaknakterry@gmail.com> Wednesday, May 14, 2025 9:51 AM

Sent: To:

Planning

Subject:

Cell Tower PZ-25-00033

Categories:

CATE

Attention: This email message is from an **external(non-County)** email address. Please exercise caution and/or verify authenticity before opening the email/attachments/links from an email you aren't expecting.

Good Morning,

This is the second paragraph of the Mission Statement from the Planning site webpage, please pay particular attention to the safe and attractive words.

The intent of these regulations is to create a safe and attractive living and working environment; to promote the economic vitality of the County; to further the orderly development of land; to ensure proper legal descriptions and monumenting of subdivided lands; and to minimize the impact of development on land and water resources.

I am in receipt of a letter from the Laramie County Planning and Development Department indicating a Tower could possibly be erected next to my property.

I am against the erection of this 150 foot tower for the following reasons:

- 1) This tower will be aesthetically displeasing for everyone that lives near the Zumo property and anyone that will drive on Iron Mountain Road. Even the Zumo family have said they will probably move but keep the property so they can keep collecting the money.
- 2) This will devalue my property and all properties near the tower or within eyesight of the tower. The towers are an eyesore and completely out of character for a rural subdivision.
- 3) This is a permanent environmental change for a short term technological issue. There are developments in technology happening all of the time, and this is a short-sighted solution by a commercial enterprise for their benefit, not for the benefit of the taxpayers of
- my neighborhood and the surrounding area.
- 4) A recent 2018 peer-reviewed study by the National Toxicology Program of the National Institutes of Health (the most prestigious health research organization in the world) proved that exposure to radio frequency radiation, the kind emitted from wireless

infrastructure causes cancer and DNA damage. This is a NOT MAYBE. Their language says there was "clear evidence of carcinogenicity." 1. Health Concerns:

Non-ionizing radiation:

Cell towers emit radio frequency (RF) radiation, a type of non-ionizing radiation that has been linked to various health concerns.

Potential health effects:

Documented studies suggest potential links between cell tower radiation and increased cancer risk, cellular stress, headaches, sleep issues, genetic damage, and impacts on the nervous system.

Vulnerable populations:

Children may be more susceptible to the effects of RF radiation due to their developing nervous systems and brain tissue, according to the American Academy of Pediatrics.

2. Aesthetic and Property Value Impacts:

Visual blight:

Cell towers can be visually unappealing and detract from the aesthetic appeal of a neighborhood.

Property devaluation:

The presence of a cell tower can negatively impact property values, especially for homes located nearby.

Noise pollution: Cell towers can generate noise from cooling systems or other equipment.

Environmental impacts: The placement of cell towers can have environmental impacts. RF radiation is considered a new form of environmental pollution.

ALTERNATIVE SOLUTIONS

Improve existing infrastructure:

Explore options for upgrading existing cell towers or networks to improve coverage and reduce the need for new towers.

Small cells:

Consider the use of small cells or other distributed antenna systems (DAS) that can provide coverage without the need for large towers.

Fiber optic cables:

Explore the feasibility of using fiber optic cables to provide connectivity, which can be a more discreet and environmentally friendly option.

Satellite communication:

Consider the potential of satellite communication as an alternative to traditional cell towers, according to a report from IEEE Spectrum.

I am vehemently opposed to the construction of this tower.

Terry Styskal



Fwd: Cell Tower PZ-25-00033

From Galen Styskal < yearlings123@gmail.com>

Date Wed 5/28/2025 9:49 PM

To Ken Roylance <kenroylance@msn.com>

Sent from my iPhone

Begin forwarded message:

From: Galen Styskal < yearlings123@gmail.com>

Date: May 28, 2025 at 9:38:29 PM MDT **To:** Colby Styskal <cjstyskal@gmail.com> **Subject: Fwd: Cell Tower PZ-25-00033**

Sent from my iPhone

Begin forwarded message:

From: Colby Styskal <cjstyskal@gmail.com> **Date:** May 26, 2025 at 10:13:47 AM MDT **To:** Galen Styskal <yearlings123@gmail.com>

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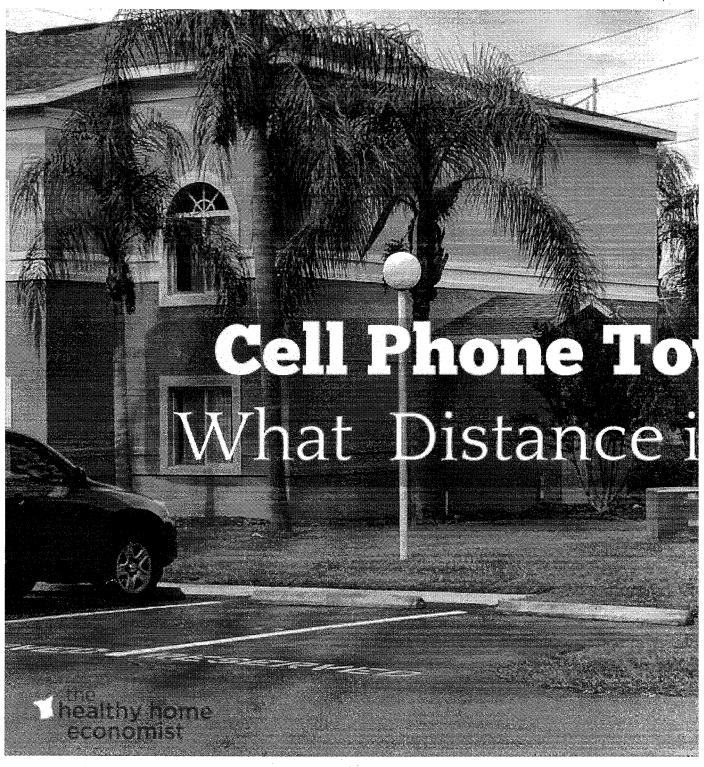
I do not think allowing one person to affect this many people is in any form fair. We elect our county commissioners to preserve the community in the county, and we expect the county to not allow a company to come in and devalue the properties of many while waving dollars under the nose of one person.

Cell Phone Towers. What Distance is Safe to Live?

by Sarah Pope/ Affiliate Links 🗸

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How close is too close to live to cell phone towers and antennas and what to do if you discover that you are living within a distance that is impacting your health according to scientific research.



Mobile phone use continues to expand rapidly around the world. Within the next year, the number of cell phone users worldwide is projected to pass 5 billion. In the United States, well over 90% of adults now have a cell phone. The rate is nearly 50% among children as young as 10!

Not surprisingly, with so many mobile devices in use, the infrastructure to support them has grown substantially as well. Cell towers are continuing to pop up everywhere. In my small town, two new applications were filed this year alone!

If you don't see any in your neighborhood don't be fooled. Some cell towers are now disguised to look like trees especially if the tower is in a residential area. Disney World is famous for its tree-like cell phone infrastructure that blends almost invisibly with real foliage nearby.

The good news is that a growing number of people are now taking wise precautions to protect themselves from electromagnetic radiation (EMFs).

Avoiding fitbits, wireless baby monitors and turning off wifi at night are wise steps. Opting out of digital monitoring with your local power company to avoid the health risks from smart meters is a good idea too particularly if it is on a wall near the bedroom area.

Cell Tower Radiation

But what about cell phone towers and mobile antennas attached to existing structures? You can't easily avoid them as they are *everywhere*. They are even constructed right next to schools in some cases.

Scientific Research: Living Close to a Cell Tower a Likely Cancer Risk

Many people seem to not worry about living or working in close proximity to cell towers and antennas. However, German and Israeli research to date gives cause for concern.

German Research on Cell Tower Safety

In a <u>German study</u>, doctors examined close to 1000 patients to see if living at the same address close to a cell tower for 10 years affected cancer risk. The

social and age differences within the study group were small, with no ethnic diversity.

They discovered that the proportion of newly developed cancer cases was three times higher for those living within 1300 feet (a quarter of a mile) of a cellular transmitter compared to those living further away. In addition, they found that the patients became ill with cancer on average 8 years earlier.

A distance of 1300 feet (400m) is of particular importance. This is because computer simulation and measurements used in the study indicated that the radiation at that distance or less (the "inner area") is 100 times greater than emissions beyond that distance (the "outer area").

Another important observation from the research is that for the first 5 years of living near a cell phone tower, the risks were no different than someone living far away from one. However, in years 6-10, the cancer risks jumped more than threefold for those living a quarter of a mile or less from a mobile tower. Even more concerning, the average age of diagnosis was much younger. Risk for breast cancer, prostate, pancreas, bowel, melanoma, lung, and blood cancer all increased substantially.

The risks for breast cancer were most significant for those living in the inner area, with an average age of 50.8 year for a cancer diagnosis compared with nearly two decades later (70 years of age) for those in the outer area.

Israeli Mobile Phone Tower Research

Israeli research conducted by Tel Aviv University confirms a similar pattern.

In this study, 622 people living 1148 feet (350m) or less from a cell phone transmission station for 3-7 years were compared to 1222 controls living further away.

Out of the high exposure group, 8 cases of cancer were diagnosed within just one year. 3 cases of breast cancer and 1 case each of ovarian, lung, bone, kidney and lymphatic cancer.

In the control group, only 2 cases of cancer occurred even though the control group was roughly twice as large as the highly exposed group.

Based on these results, the researchers calculated the relative risk of cancer to be over four times higher for those living 350m or less (about one-fifth of a mile) from a cell phone transmitter.

Women May Be More Susceptible to Cell Tower Radiation

The Tel Aviv University research found that women appear to be more susceptible to the health effects of living near a cell tower than men.

Seven out of the eight cancers that arose during the first year were females. Thus, women living one-fifth of a mile or less from a cell tower experienced a ten fold increase in cancer risk compared with controls.

Cell Phone Tower Safety. What Should YOU Do?

If this research is concerning to you as it was to me, I would recommend that you check out <u>antennasearch.com</u>.

This site provides information on how many cell phone towers and mobile antennas are in your area. The exact distance of each from your home address is provided as well.

Do not rely just on your visual observation of the neighborhood. Cell towers are increasingly disguised as trees. Moreover, even if no cell towers exist, there are likely plenty of cellular antennas on existing buildings and other structures.

A typical mobile phone tower will hold 10 or more cellular antennas for various companies.

If you are planning to buy a home in the near future, consideration of cellular phone infrastructure nearby is very important. It ranks right up there with schools and other positives and negatives about the neighborhood.

I fully expect that in the future, as more research concerning the effects of EMFs on human biology emerges, real estate prices will be affected by their relative proximity to cell phone towers and/or antennas.

One word of warning. Don't be overly concerned when you initially check your home address for nearby cellular infrastructure. The number is likely to be extremely high!

Wait until you see how close the towers and antenna are first! For example, I discovered that there are 81 towers and 124 antennas located within 4 miles of my front door! This is in a rural residential community too! However, once I looked more closely, I found that none of them is closer than a half mile away.

What to Do if You Live Too Close

If you find that you live within the inner circle of cellular towers, my suggestion is to consider moving. Though inconvenient, this is by far the best option. I've already had one friend change homes because of extreme sensitivity to high EMFs in her area. To date, Sweden and Germany recognize electromagnetic hypersensitivity (EHS) as an actual medical condition. I expect that to grow in the coming years. (1, 2)

If you cannot move, then you can use curtains, paint, and wallpaper that blocks 100% of EMFs including 5G.

This is the company I've vetted, recommend, and buy from myself for these types of products.

Another alternative are <u>bioenergetic devices</u> that claim to reduce the exposure and/or risks from electromagnetic radiation. Whether they work or not is up for debate. As of this writing, I haven't found any conclusive, randomized data to suggest they are helpful one way or another. However, if you can't move, they are probably at least worth a shot! Perhaps in the future, they might be proven beneficial.

Another thing to be aware of is that EMF exposure has the potential to increase free radical activity in the body. Thus, living near a cell tower may decrease levels of certain protective nutrients. Thus, ensuring adequate levels of antioxidants such <u>glutathione</u> is a very good strategy.



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Cell Phone Towers

The widespread use of cell phones in recent decades has led to a large increase in the number of cell phone towers (also known as **base stations**) being placed in communities. These towers have electronic equipment and antennas that receive and transmit cell phone signals using <u>radiofrequency (RF) waves</u>¹.

- How do cell phone towers expose people to RF waves?
- Do cell phone towers cause cancer?
- What about 5G networks?

Cell phone towers are still relatively new, and many people are understandably concerned about whether the RF waves they give off might possibly have health effects.

At this time, there's no strong evidence that exposure to RF waves from cell phone towers causes any noticeable health effects. However, this does not mean that the RF waves from cell phone towers have been proven to be absolutely safe. Most expert organizations agree that more research is needed to help clarify this, especially for any possible long-term effects.

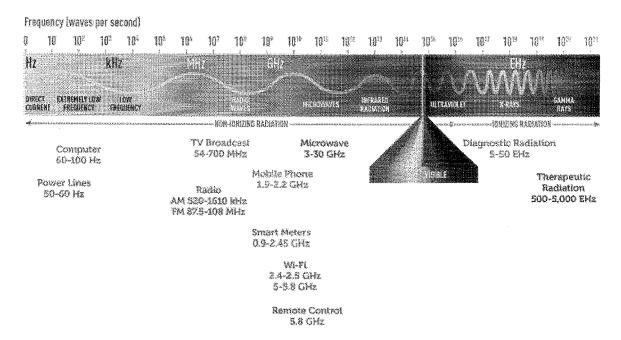
How do cell phone towers expose people to RF waves?

Cell phone base stations can be free-standing towers or mounted on existing structures, such as trees, water tanks, or tall buildings. The antennas need to be high enough to adequately cover a certain area. Base stations are usually from 50 to 200 feet high.

Cell phones communicate with nearby cell towers mainly through RF waves, a form of energy in the electromagnetic spectrum between FM radio waves and microwaves. Like FM radio waves, microwaves, visible light, and heat, they are forms of **non-ionizing radiation**. This means they do not directly damage the DNA inside cells, which is how

stronger (**ionizing**) types of radiation such as \underline{x} -rays, gamma rays², and \underline{u} ltraviolet ($\underline{U}\underline{V}$) rays³ are thought to be able to cause cancer.

ELECTROMAGNETIC SPECTRUM



The electromagnetic spectrum illustration above shows the possible frequencies of electromagnetic energy, ranging from extremely low frequencies (such as those from power lines) to extremely high frequencies (such as x-rays and gamma rays), and includes both non-ionizing and ionizing radiation.

At very high levels, RF waves can heat up body tissues. But the levels of energy used by cell phones and towers are much lower.

When a person makes a cell phone call, a signal is sent from the phone's antenna to the nearest base station antenna. The base station responds to this signal by assigning it an available RF channel. RF waves transfer the voice information to the base station. The voice signals are then sent to a switching center, which transfers the call to its destination. Voice signals are then relayed back and forth during the call.

When RF signals are transmitted back and forth to the base station during calls, the RF waves produced at the base station are given off into the environment, where people can be exposed to them.

On the ground near a cell phone tower

RF waves from a cell phone tower antenna, like those from other telecommunication antennas, are directed toward the horizon (parallel to the ground), with some downward scatter. Base station antennas use higher power levels than other types of land-mobile antennas, but much lower levels than those from radio and television broadcast stations. The amount of energy from RF waves decreases rapidly as the distance from the antenna increases. As a result, the level of exposure to RF waves at ground level is much lower than the level close to the antenna.

At ground level near typical cellular base stations, the amount of energy from RF waves is hundreds to thousands of times less than the limits for safe exposure set by the US Federal Communication Commission (FCC) and other regulatory authorities. It is very unlikely that a person could be exposed to RF levels in excess of these limits just by being near a cell phone tower.

On a roof with a cellular antenna

When a cellular antenna is mounted on a roof, it is possible that a person on the roof could be exposed to RF levels greater than those typically encountered on the ground. But even then, exposure levels approaching or exceeding the FCC safety guidelines are only likely to be found very close to and directly in front of the antennas. If this is the case, access to these areas should be limited.

Indoors with a base station mounted on the outside of the building

The level of energy from RF waves inside buildings where a base station is mounted is typically much lower than the level outside, depending on the construction materials of the building. Antennas are pointed away from the side of the building, and the energy level **behind** the antenna is hundreds to thousands of times lower than in front. On top of this, wood or cement block reduces the exposure to energy from RF waves by a factor of about 10. Therefore, if an antenna is mounted on the side of a building, the exposure level in the room directly behind the wall is typically well below the recommended exposure limits.

Near a 5G base station

Newer, smaller versions of base stations (often referred to as **small cells**), which are part of fifth generation (5G) cellular networks, are discussed below.

Do cell phone towers cause cancer?

Some people have expressed concern that living, working, or going to school near a cell phone tower might increase the risk of cancer or other health problems. At this time, there isn't a lot of evidence to support this idea. Still, more research is needed to be sure.

What expert agencies say

The American Cancer Society (ACS) does not have any official position or statement on whether or not radiofrequency (RF) radiation from cell phones, cell phone towers, or other sources is a cause of cancer. ACS generally looks to other expert organizations to determine if something causes cancer (that is, if it is a carcinogen), including:

- The International Agency for Research on Cancer (IARC), which is part of the World Health Organization (WHO)
- The US National Toxicology Program (NTP), which is formed from parts of several different government agencies, including the National Institutes of Health (NIH), the Centers for Disease Control and Prevention (CDC), and the Food and Drug Administration (FDA)

Other major organizations might also comment on the ability of certain exposures to cause cancer.

What they say about cell phone towers

So far, neither IARC nor the NTP have classified the cancer-causing potential of RF waves from cell phone towers specifically. However, some other agencies have commented on cell tower safety.

The **US Federal Communications Commission (FCC)** has said this about cell phone towers near homes or schools:

"[R]adiofrequency emissions from antennas used for cellular and PCS [personal communications service] transmissions result in exposure levels on the ground that are typically thousands of times below safety limits. These safety limits were adopted by the FCC based on the recommendations of expert organizations and endorsed by agencies of the Federal Government responsible for health and safety. Therefore, there is no reason to believe that such towers could constitute a potential health hazard to nearby residents or students."

What they say about RF radiation in general

Based on a review of studies published up until 2011, the **International Agency for Research on Cancer (IARC)** has classified RF radiation as "possibly carcinogenic to humans," based on limited evidence of a possible increase in risk for brain tumors among cell phone users, and inadequate evidence for other types of cancer. (For more information on the IARC classification system, see <u>Known and Probable Human Carcinogens</u>⁴.)

More recently, the **US Food and Drug Administration (FDA)** issued a technical report based on results of studies published between 2008 and 2018, as well as national trends in cancer rates. The report concluded: "Based on the studies that are described in detail in this report, there is insufficient evidence to support a causal association between radiofrequency radiation (RFR) exposure and [tumor formation]."

So far, the **National Toxicology Program (NTP)** has not included RF radiation in its *Report on Carcinogens*, which lists exposures that are known to be or reasonably anticipated to be human carcinogens.

What studies have shown

Researchers generally use two types of studies when trying to determine if something might cause cancer:

- Studies looking at groups of people
- Studies done in the lab (using lab animals or cell cultures)

The following is a brief summary of the major studies that have looked at this issue to date. However, this is not a comprehensive review of all studies that have been done.

Studies in people living near cell phone towers

So far, not many studies in people have focused specifically on cellular phone towers and cancer risk, and the results of these studies have not provided clear answers.

A large British study comparing families of young children with cancer with families
of children without cancer found no link between a mother's exposure to the towers
during pregnancy (based on the distance from the home to the nearest tower and
on the amount of energy from RF waves given off by nearby towers) and the risk of
early childhood cancer.

 Researchers in Taiwan compared children with cancer to a group of similar children without cancer. They found slightly higher overall risk of cancer in those who lived in towns that had an estimated RF exposure from cell phone towers that was above the midpoint level in the study. However, this finding was less apparent when RF exposure was categorized in other ways.

Both of these studies relied on estimates of RF exposure. Neither of them measured the actual exposure of people to RF waves from nearby cell phone towers. This limitation makes it harder to know what the results of these studies might mean.

Studies looking at cell phone use

The amount of exposure from living near a cell phone tower typically is many times lower than the exposure from using a cell phone. Several dozen studies have looked at possible links between cell phone use and tumors in people. Most studies to date have not found a link between cell phone use and cancer, although these studies have had some important limitations. This is an area of active research. For more information, see Cellular (Cell) Phones⁵.

Lab studies on RF waves

RF waves given off by cell phone towers don't have enough energy to damage DNA directly or to heat body tissues. Because of this, it's not clear how cell phone towers might be able to cause cancer. Some studies have found possible increased rates of certain types of tumors in lab animals exposed to RF radiation, but overall, the results of these types of studies have not provided clear answers so far.

Large studies published in 2018 by the US National Toxicology Program (NTP) and by the Ramazzini Institute in Italy exposed groups of lab rats (as well as mice, in the case of the NTP study) to RF waves over their entire bodies for many hours a day, starting before birth and continuing for most or all of their natural lives. Both studies found an increased risk of uncommon heart tumors called malignant schwannomas in male rats, but not in female rats (nor in male or female mice, in the NTP study). The NTP study also reported possible increased risks of certain types of tumors in the brain and in the adrenal glands.

While both of these studies had strengths, they also had limitations that make it hard to know how they might apply to humans being exposed to RF waves from cell phone towers. A 2019 review of these two studies by the International Commission on Non-lonizing Radiation Protection (ICNIRP) determined that the limitations of the studies

didn't allow conclusions to be drawn regarding the ability of RF energy to cause cancer.

Still, the results of these studies do not rule out the possibility that the RF waves used in cell phone communication might somehow impact human health.

What about 5G networks?

Fifth generation (5G) cellular networks are now being rolled out in many parts of the United States and in other countries. 5G networks are capable of transmitting much larger amounts of data over shorter periods of time than previous generations (4G, 3G, etc.).

Earlier generation networks have used RF wavelengths below 6 gigahertz (GHz). 5G networks will use some wavelengths in this range, but will also use some higher frequency wavelengths, at the lower end of the **millimeter wave** spectrum (which ranges from 30 GHz to 300 GHz). While these RF waves are higher frequency (higher energy) than those used by older generations, they are still forms of **non-ionizing** radiation, so they still lack the ability to directly damage DNA.

The higher frequency waves used by 5G travel shorter distances and don't go through objects (such as buildings, or even tree leaves) as well as lower frequency waves. Because of this, 5G networks require many more, smaller versions of base stations (often referred to as **small cells**) in some places, especially in densely populated areas. These small cells can be mounted on streetlights, utility poles, buildings, and other structures. This could result in the antennas being closer to people, although small cells typically operate at much lower power levels than the larger (macro) base stations.

The addition of the higher wavelengths from 5G networks could also expose people to more RF waves overall.

At the same time, these higher frequency RF waves are less able to penetrate the body than lower frequency waves, so in theory they might be less likely to have any potential health effects. But so far this issue has not been well studied.

At this time, there has been very little research showing that the RF waves used in 5G networks are any more (or less) of a concern than the other RF wavelengths used in cellular communication.

Hyperlinks

- 1. <u>www.cancer.org/cancer/risk-prevention/radiation-exposure/radiofrequency-radiation.html</u>
- 2. <u>www.cancer.org/cancer/risk-prevention/radiation-exposure/x-rays-gamma-rays.html</u>
- 3. www.cancer.org/cancer/risk-prevention/sun-and-uv/uv-radiation.html
- 4. <u>www.cancer.org/cancer/risk-prevention/understanding-cancer-risk/known-and-probable-human-carcinogens.html</u>
- 5. www.cancer.org/cancer/risk-prevention/radiation-exposure/cellular-phones.html
- 6. <u>www.fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety</u>
- 7. <u>www.fda.gov/radiation-emitting-products/home-business-and-entertainment-products/cell-phones</u>
- 8. <u>www.cancer.gov/about-cancer/causes-prevention/risk/radiation/cell-phones-fact-sheet</u>
- 9. <u>www.cancer.gov/about-cancer/causes-prevention/risk/radiation/electromagnetic-fields-fact-sheet</u>
- 10. www.niehs.nih.gov/health/topics/agents/emf/index.cfm
- 11. www.niehs.nih.gov/health/topics/agents/cellphones/index.cfm

Additional resources

Along with the American Cancer Society, other sources of information include:

Federal Communications Commission RF Safety FAQ: www.fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety6

Food and Drug Administration Cell Phones: www.fda.gov/radiation-emitting-products/home-business-and-entertainment-products/cell-phones

National Cancer Institute Cell Phones and Cancer Risk: www.cancer.gov/about-cancer/causes-prevention/risk/radiation/electromagnetic-fields-fact-sheet

Prevention/risk/radiation/electromagnetic-fields-fact-sheet

National Institute of Environmental Health Sciences Electric and Magnetic fields: www.niehs.nih.gov/health/topics/agents/emf/index.cfm Cell Phone Radio Frequency Radiation: www.niehs.nih.gov/health/topics/agents/cellphones/index.cfm 11

^{*} Inclusion on this list does not imply endorsement by the American Cancer Society

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Our team is made up of doctors and oncology certified nurses with deep knowledge of cancer care as well as editors and translators with extensive experience in medical writing.

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LARAMIE COUNTY PLANNING & DEVELOPMENT DEPARTMENT

Planning . Building

May 1, 2025

Dear Adjacent Landowner,

This letter is to inform you that Rocky Mountain Towers, on behalf of Mike and Lorinda Zumo has submitted an application for approval of a Site Plan for the following location:

A portion of Section 4, Township 14 North, Range 66 West, Laramie County Located at 2409 Iron Mountain Road, Cheyenne, Wyoming

Rocky Mountain Towers would like to construct a multi-carrier wireless communication facility and proposes a new 150 foot tall monopole and ground mounted telecommunications equipment within a 60' x 60' fenced leased area. The monopole is being proposed at 150 feet to best support collocation and optimal propagation for up to four wireless carriers. No marking or lighting will be required at the site.

The propsed tower will be setback 100 feet from the the north property line and 50 feet from the east property line. Breakpoint technology will ensure that the tower collapses in on itself in a westerly direction to ensure that in the event of tower failure, it will not fall across neighboring property lines or existing structures to the west.

After the initial construction access to the site will be limited to routine maintenance which typically occurs every 4-6 weeks.

If you would like to submit comments on this application, please submit them in writing to our office by **June 9, 2025**. You may email your comments to <u>planning@laramiecountywy.gov.</u>

All projects currently under review by the Laramie County Planning Department are accessible to the public through the Department's Online Permitting Portal. You can navigate to the Permitting Portal via the Planning Department website at www.laramiecountywy.gov. The project reference number for this project is **PZ-25-00033**. You may call the Planning Department at 307-633-4618 with any questions about the projects.

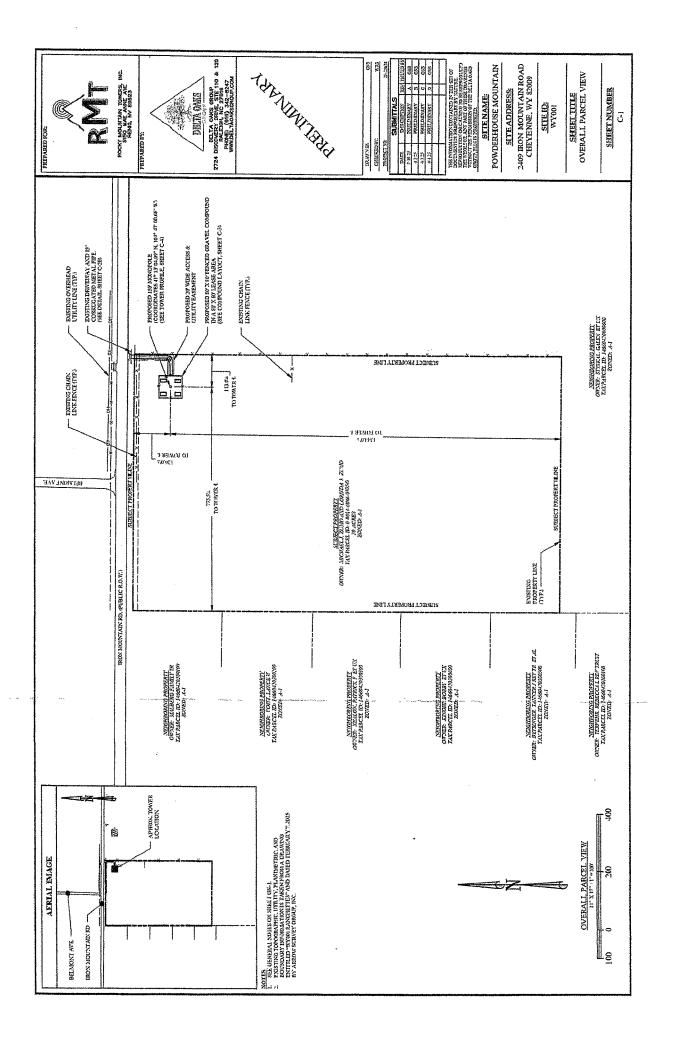
Sincerely,

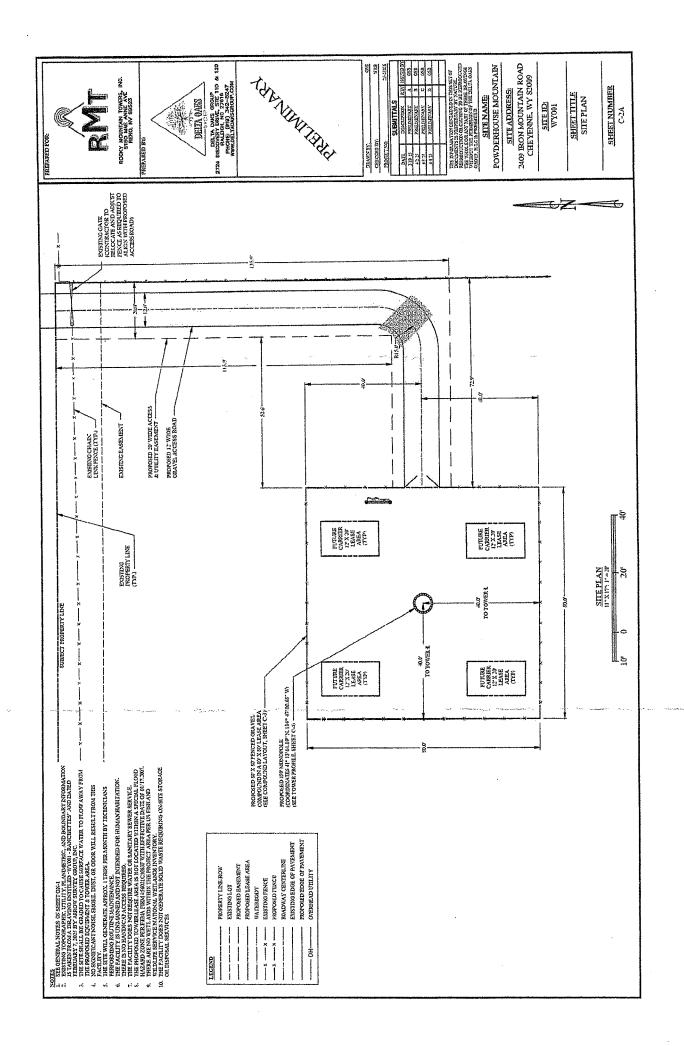
Cate Cundall Associate Planner

100 Celle

Attachment: Site Plan

3966 Archer Pkwy
Cheyenne, WY 82009
www.laramiecountyplanning.com
Phone (307) 633-4303 Fax (307) 633-4616





• Pidn: 14660420000200

Local #: 00014006604050 iTax

• Account: R0010968 Property Detail

Name: ZUMO, MICHAEL J ET UX

Mail Addr: 2409 IRON MOUNTAIN RD

Mail Addr: CHEYENNE, WY 82009

St Addr: 2409 IRON MOUNTAIN RD

• Deed: 1373 WD 01111

Location: 14-66: POR OF W1/2 SEC 4, DESC AS: BEG AT PNT ON THE NORTH BNDRY OF SD SEC ..

(more)

Type: Residential

Acres: 30.00 acres

Tax District: 0117

Lat / Lon N: 41.21709°, W: 104.78456°

NAD83 UTM Zone 13 X: 518059, Y: 4562879

NAD83 Wyoming East (ftUS) N: 261481, E: 761288





Monopole



Guyed

