

March 3, 2025

Via Email

Re: Proposed TELUS Communications Inc., ± 35-meter Antenna Supporting Structure (Shrouded Monopole)
Location: 3023 63 Avenue SW, Calgary, Alberta
TELUS Site: AB103712
Evolve File: 32292

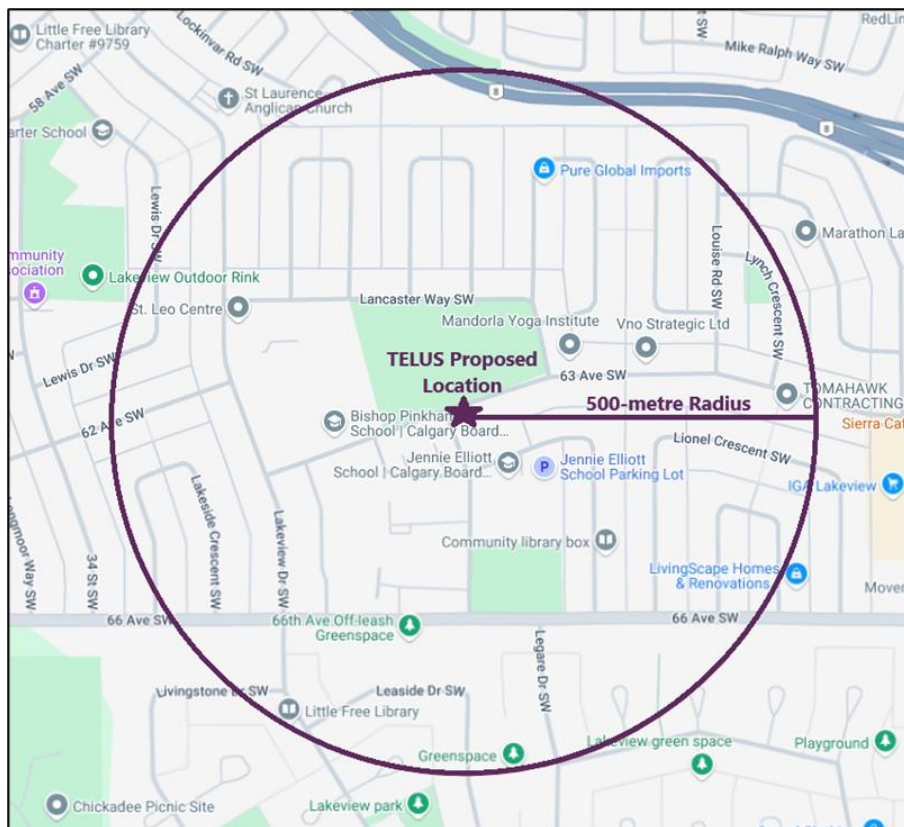
Marie Tremblay,

Evolve Surface Strategies Inc. ("Evolve") is writing to you on behalf of our client, TELUS Communications Inc. ("TELUS"), in response to the questions and/or concerns you had submitted on February 23, 2025, regarding the telecommunication facility proposed for construction at 3023 63 Avenue SW, Calgary, Alberta.

Please see the following responses in a Q: (Question) and A: (Answer) format. Your questions were copied over to this letterhead, with only the font altered to make it easier to differentiate between the questions and the answers:

1. **Q: "Please provide us with a map showing the detailed location of the proposed cell phone location, along with the complete notice package sent to local residents on January 23."**
 - a) **A:** Please find the public notification package enclosed, which contains visuals of the location and of the proposed facility.
2. **Q: "How much capacity is available on the Freedom tower installed in 2022 near the Lakeview Estates apartment complex (SE corner of Glenmore Trail and 37th St)? Note, this tower does not appear in the Canadian Cellular Towers map."**
 - a) Covered under response to question 7
3. **Q: "How much capacity is available on the Telus tower located at the intersection of Crowchild/Glenmore? What coverage and number of customers does this tower service?"**
 - a) Covered under response to question 7
4. **Q: "How much capacity is available on the Telus tower located in Lincoln Park (north of Glenmore)? What coverage and number of customers does this tower service?"**
 - a) Covered under response to question 7
5. **Q: "How much capacity is available on the Telus tower located at the Grey Eagle casino? What coverage and number of customers does this tower service?"**
 - a) Covered under response to question 7
6. **Q: "What steps did Telus take to investigate co-sharing opportunities with these existing cell towers?"**
 - a) Covered under response to question 7
7. **Q: "Will the proposed tower have available space for co-sharing with other providers or is it expected that other providers will need to build separate towers within Lakeview in future?"**
 - a) **A: Response to questions 2 through 7,**
 - i. **Co-location**

As per the City of Calgary's Protocol Section 5.1, TELUS considered a 500-metre radius, as measured from the proposed location, in an effort to locate nearby towers and/or structures that could potentially be utilized for co-location. Existing facilities would show up as a red balloon in the below imagery. After an extensive review, it has been conclusively determined that there are no available towers or structures suitable for this purpose, therefore TELUS is pursuing the proposed installation at this location. The tower will be built to accommodate additional carriers should they choose to co-locate in the future.



** No structures found; Created using [Canadian Radio Spectrum Licence Search](#)

Head Office 105 – 58 Gateway Dr NE, Airdrie, AB T4B 0J6 evolvesurface.com

8. **Q: “What coverage will the proposed tower provide within Lakeview and beyond? What radius?”**
 a) **A:** Please find the before and after coverage comparison maps provided by TELUS, enclosed.
9. **Q: “Which community/ies does the proposed tower seek to serve? What additional service will it provide, beyond what is currently available?”**
 a) **A:** This proposal is intended to improve the coverage and capacity for the Lakeview community. Please find the before and after coverage comparison maps provided by TELUS, enclosed. All TELUS wireless services currently offered will be available and bolstered by this proposed facility.
10. **Q: “Please provide a detailed explanation for the need for a cell tower at the proposed 63rd Ave location. Why does the cell tower need to be located in the middle of the community, near residences and schools, rather than on the outskirts? Is it possible to achieve the desired coverage through cell towers located along the major corridors (e.g. Crowchild, 66th Ave., 37 St.)?”**
 a) **A: Location**

As more and more Canadians use multiple wireless devices—such as smartphones, wireless internet, and tablets—both at home and on the go, TELUS has experienced significant pressure on its wireless network within residential areas. In response, TELUS has had to increase network capacity and speeds in these areas, resulting in the need for additional sites that are closer to residential areas.

Beyond improving everyday connectivity, these network enhancements also benefit public safety. Enhanced wireless coverage improves 911 emergency services, helping first responders more accurately determine a caller’s location when emergency calls are placed from mobile devices. TELUS carefully considers new site development, as it is both a significant investment and a complex process.



Several factors contribute to the location of a telecommunications facility, such as demand for wireless service in the area, existing network traffic capacity and congestion levels, Radio frequency engineering principles, ensuring seamless transmission, local topography, which can impact signal strength, and land use opportunities, determining where infrastructure can feasibly be placed.

To provide customers with the reliable wireless network they expect, TELUS must ensure a seamless signal, eliminating coverage gaps and expanding capacity to accommodate growing demand. The proposed facility will help improve network traffic capacity and fill coverage gaps in and around your community.

Your neighbourhood and the surrounding area currently show deficiencies in both capacity and coverage for wireless service.

These deficiencies are due to several factors, including:

- The distance between existing telecom towers and wireless users.
- Physical obstacles (such as buildings and trees) that weaken or block signals.
- The increasing number of users simultaneously accessing the wireless network.

Consequently, to supply a fast and reliable network, TELUS must add towers closer to their users.

11. Q: “Were alternative locations considered that would be less obtrusive and farther away from residences and schools? What criteria were used to rule out any alternative locations?”

a) A: Alternate locations

There is an existing TELUS-owned and operated telecommunications facility at the southeast corner of the Crowchild and Glenmore intersection. Before submitting this proposal, TELUS assessed whether an upgrade to this facility could meet the coverage and capacity requirements. However, at approximately 835 metres away, it is too distant from the target service area to serve as a viable alternative.

Wireless facilities have capacity limits, restricting the number of simultaneous connections they can support. Due to increasing wireless traffic in the surrounding area, this facility is already operating at high capacity, making a new facility necessary to offload demand and improve overall network service and reliability.

As part of the site selection process, TELUS engaged with various property owners and explored multiple alternative locations. However, these locations were ultimately not pursued due to factors such as a lack of interest from property owners, municipal guidelines, limited ground space, and the absence of suitable rooftop options. While discussions regarding alternative locations were part of the public consultation process, TELUS and Evolve do not publicly disclose the details of individual property discussions to respect the privacy of those involved.

12. Q: “What process and/or rationale led to the selection of the proposed site on 63rd Ave?”

a) A: The selection of the proposed site on 63rd Avenue SW was guided by a technical evaluation conducted by TELUS’ Radio Frequency (RF) Engineers. This process began with a review of the existing network in response to factors such as customer complaints, capacity constraints, and coverage deficiencies.

RF Engineers conducted projections to determine the most effective location for addressing the identified network gap. Their analysis focused on identifying a site at an optimal height and central position within the deficient area to maximize coverage improvement with a single facility.



After evaluating other potential locations, the proposed site was selected as it is the closest viable option, nearest to the center of the network deficiency, while meeting the necessary technical and engineering requirements for placement.

13. Q: “Will the proposed tower provide sufficient coverage for the entire Lakeview community for the foreseeable future? The map shown at the Open House suggested that the northern portion of Lakeview would still have insufficient coverage. ”

a) **A:** At this point in time, based on the current data available, it is believed that with this proposed facility in place, another TELUS facility within the Lakeview community will not be needed in the foreseeable future.

14. Q: “Does Telus foresee a need for additional towers in Lakeview to address the outstanding gap in coverage, or to further increase service within the community in the future? ”

a) **A:** At this point in time, based on the current data available, it is believed that with this proposed facility in place, another TELUS facility within the Lakeview community will not be needed in the foreseeable future.

15. Q: “Please provide examples of other communities that have cellphone towers located in the middle of their community. Most towers seem to be located in commercial developed areas and along busy thoroughfares. ”

a) **A:** It is worth noting that areas central to a service gap or deficiency are not dictated by development entirely. To name a few, the placement of existing peripheral facilities, topography, development, and network use in an area all factor into where a new facility is needed. Although some examples have been provided below as an effort to provide the requested information, these facilities are not in anyway an indicator of whether a facility is needed within the Lakeview area. Please review the ‘Location’ explanation provided in response to your question 10, for a better understanding of the drivers behind why a new facility is needed.

i. Roger’s Communications

- Calgary - Fairmount Drive and 99 Ave - 50.961943°, -114.059290°
- Calgary - 19th street & 17 Ave. SW - 51.036583, -114.106833
- Calgary - Templegreen Road & Templegreen drive - 51.088, -113.9445
- Calgary - Pinetown Place & 56 street NE - 51.074722, -113.953056

ii. Freedom Mobile

- Calgary – Strathcona Dr. & Strathlea Ave SW- 51.048611, -114.207222
- Airdrie – Chinook Winds Regional Park - 51.268089, -114.037628

iii. ALTALINK

- Calgary - 14 Ave & 77 St. SW - 51.045611, -114.200056

16. Q: “What steps has Telus taken to ensure compliance with Safety Code 6 and can it demonstrate this compliance?”

a) **A: Health & Safety**

TELUS towers and antennas are fully compliant with the safety requirements established by Innovation, Science and Economic Development Canada (ISED), in particular Health Canada’s Safety Code 6, which sets limits for safe exposure to Radio Frequency (RF) fields at home and at work. TELUS must comply with these federally established exposure limits but does not determine them.

All wireless telecommunications towers and equipment are required to stay below the limits set out in Health Canada’s Safety Code 6 (SC6). This means that for each tower and antenna that TELUS installs, it must calculate and demonstrate to ISED that the cumulative power density of the proposed facility, including any existing nearby facilities, remains within the allowable SC6 limits.



Strict adherence to SC6 is a condition of receiving a license from ISED for all wireless carriers operating in Canada. If a proposed telecommunications facility does not meet the SC6 limits, it cannot be constructed or placed into service.

Cumulative Exposure Considerations

SC6 exposure limits account for the combined effects of multiple sources of RF energy. This means that RF emissions from power lines, telecommunications towers, and other nearby sources are all factored into compliance calculations. Even with multiple sources, Canadian regulations require that exposure remains well below internationally recognized safety thresholds.

TELUS attests that the proposed tower will comply with SC6 limits, including when considering the combined effects of other nearby towers and/or antennas.

Health Canada continually reviews Safety Code 6 to ensure it provides robust protection against all known potentially adverse health effects. As stated on its 'Understanding Safety Code 6: Health Canada's Radiofrequency Exposure Guidelines' website, exposure limits in SC6 are based on extensive peer-reviewed scientific studies, applying a weight-of-evidence approach when assessing research findings.

As a federally regulated carrier, TELUS must follow all health and safety standards set by Health Canada and ISED, ensuring that infrastructure adheres to or exceeds these regulations.

b) A: 5G and Safety Code 6

5G is the 5th generation of wireless technology, a significant evolution of today's 4G LTE wireless networks. 5G provides the infrastructure to allow for more data and connectivity, the Internet of things with billions of connected devices, and tomorrow's innovations in various fields such as healthcare, public safety, transportation, agriculture, and smart cities. 5G will operate in both the lower frequency spectrum (below 6 GHz) as well as at higher frequencies called millimetre wave spectrum (above 6 GHz).

Although the frequency range used by 5G technologies has only started being utilized recently, Safety Code 6 covers radiofrequency electromagnetic energy in the frequency range from 3 KHZ to 300 GHZ. This indicates that the current Canadian limits do cover the frequency ranges that are used by 5G devices and telecommunications installations.

Similar to current wireless devices and installations, 5G devices do need to meet RF exposure requirements. Telecommunications carriers using 5G technology will continue to have the same RF exposure compliance obligations. Furthermore, compliance with RF exposure requirements will continue to be an ongoing obligation.

You are invited to consult these websites for additional information relating to Safety Code 6 and emissions.

Radiofrequency Energy and Safety

<https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf11467.html>

Antenna Towers in Your Community

<https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08788.html>

Limits of Human Exposure to Radiofrequency Electromagnetic Energy in the Frequency Range from 3 kHz to 300 GHz

<https://www.canada.ca/en/health-canada/services/publications/health-risks-safety/limits-human-exposure-radiofrequency-electromagnetic-energy-range-3-300.html>

Understanding Safety Code 6: Health Canada's radiofrequency exposure guidelines

<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/understanding-safety-code-6.html>



Frequently Asked Questions (FAQ) on Radiofrequency (RF) Energy and Health

<https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

5G technology, cell phones, cell phone towers and antennas

<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/cell-phones-towers.html>

17. Q: “How will the proposed cell tower be monitored for continued compliance with Safety Code 6 in the future?”

- a) **A:** The facility is monitored remotely and then inspected during quarterly visits to the facility for routine inspection and maintenance. These can take place monthly but are most typically done once per annual quarter.
- b) **A:** Ongoing Compliance & Monitoring – TELUS, like all Canadian wireless providers, must comply with Innovation, Science and Economic Development’s (ISED) regulatory framework, which includes pre-installation verification, mandatory reassessments for equipment changes, and the possibility of independent site audits. ISED has the authority to conduct inspections and enforce corrective actions if necessary. Additionally, public and municipal concerns can trigger further investigation, ensuring that RF exposure remains well below Safety Code 6 limits at all times. ISED retains the authority to conduct independent audits to verify compliance with Safety Code 6, ensuring public safety remains a top priority.

18. Q: “What distance is the proposed cell phone tower to Jennie Elliott school?”

- a) **A:** It appears to be approximately 90 meters to the closest, outermost wall of the Jeanie Elliott School. Please be advised that this is a rough measurement.

19. Q: “What distance is the proposed cell phone tower to Bishop Pinkham school?”

- a) **A:** It appears to be approximately 122 meters to the closest, outermost wall of the Bishop Pinkham School. Please be advised that this is a rough measurement.

20. Q: “What distance is the proposed cell tower to the townhouse complex located immediately to the west of the proposed site (across 30th St)?”

- a) **A:** It appears to be approximately 35 meters away to the closest, outermost wall. Please be advised that this is a rough measurement.

21. Q: “What steps were taken to notify the two nearby schools (Jennie Elliot and Bishop Pinkham)?”

- a) **A:** All property owners within a 300m radius of the proposed facility had been sent a public consultation package. Those that fell outside of that radius would not have received one.

22. Q: “What steps were taken to notify nearby residents of the public consultation? What consultation radius was used?”

- a) **A:** As per the city of Calgary policy, a 300m radius, as measured from the proposed facility. A mailout consultation/notification package was sent out for a January 23, 2025, start date, and then an open house on February 13, 2025, with public consultation concluding to new respondents on February 23, 2025.

Those who have received or are awaiting a response have 21 days from the date on the formal response letter they have received or are awaiting receipt of, to provide additional comments.

23. Q: “Will any noise be associated with the cell tower and if so, what would be the nature (frequency) and magnitude (dB) of this noise?”

- a) **A:** These facilities are not expected to create noise as there are no moving parts.



24. **Q: “Did Telus engage in any pre-submission consultation with the City (as per Section 5.1 of the City of Calgary Telecommunications Antenna Structures Siting Protocols, p. 13) and if so, what did this consultation entail?”**

a) **A:** Yes. Preliminary discussions were had with the City of Calgary.

i. This entailed an initial approach to the city with the search area to advise we are looking in the area so they can provide preliminary concerns. These are typically comments back to us as per policy. Once a preliminary location was found, a sketch and description of what’s planned to be proposed based on network need was sent to the city for site-specific preliminary comments, and confirmation of public consultation requirements.

25. **Q: “Given that the height of the proposed tower is greater than 30 m, was a notice placed in a local community newspaper (e.g. Lakeview newsletter) inviting public comment as required in Section 4 of p. 7 of ISED CPC-2-0-03? If not, why not?”**

a) **A:** As per the CPC 2-0-03 i6, Section 4, page 4, under the heading “Following the land-use authority process”, the City of Calgary has a policy with a public consultation requirement/process, meaning a proponent (TELUS in this case) is to follow the local process.

b) **A:** No newspaper advertisement was run as there is no requirement within the followed protocol.

26. **Q: “Has written notification of the proposed cell tower been provided to the appropriate Ward Councillor and to the appropriate Community Association (via registered mail) prior to the Public Consultation Meeting, as per Section 9.3 of the City of Calgary Telecommunications Antenna Structures Siting Protocols, p. 24)? If not, why not?”**

a) **A:** Yes, both the Ward Councillor (via email), and the Lakeview Community Association (via registered mail), were sent the written notification package prior to the open house.

Your feedback is appreciated, and we hope the above responses help to alleviate your concerns. Please be advised that as per ISEDC’s CPC 2-0-03 section 4.2, you have 21-days from the date of this letter to provide additional feedback. The 21-day response period will conclude on March 24, 2025.

Sincerely,

Evolve Surface Strategies Inc.

on behalf of **TELUS Communications Inc.**

cc: comments@evolvesurface.com
President@LakeviewYYC.ca

January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

To: Property Owner / Current Resident

Re: Proposed 35-metre Shrouded Monopole
Location: 3023 63 Avenue SW

TELUS File: AB103712

Coordinates: 50.997114°, -114.128101°

Dear Member of the City of Calgary, Lakeview Community,

TELUS would like to bring improved cellular service to your community, and we want to include you in the conversation. We are proposing the addition of a new communications tower in your area, located in the NW portion of the Lakeview United Church parcel, at the intersection of 63 Avenue and 30 Street SW. This notification package is the first part of the consultation process that includes the following steps:

Public notification: Our first step is to reach out to the surrounding community to share our proposal and gather feedback from community members such as yourself. In line with Innovation, Science and Economic Development Canada's (ISED) CPC 2-0-03, and the City of Calgary's 'Telecommunication Antenna Structures Protocols, TELUS has sent a copy of this package to all residents and businesses within a 300-metre radius of the proposed facility's location.

Open house: TELUS will host an open house on February 13, 2025, between 5:00pm and 7:00pm, located at the Earl Grey Golf Club located at 6540 20 Street SW Calgary, AB, in the earl grey room, which you are invited to attend. Please join us to speak with members of our team and learn more about our proposal in an interactive setting and provide your input into the consultation process.

Local government consultation: At the same time that TELUS consults with members of the public, we have engaged the City of Calgary in land use consultation. At the end of the full consultation process, TELUS will request land use concurrence from the City of Calgary.

In this document, you'll find a lot of information. We are required to provide community members information on our proposal as well as the tower siting process, including:

- An explanation of how we determine where a new tower is needed;
- A description and specs of the tower itself, as well as where the tower will be located;
- Other locations that we were looking at for the tower, and why they will not work;
- Safety information.

We encourage you to review all of the documentation we've provided, as well as attend our open house to learn more about the proposed telecommunications site facility proposed at 3023 63 Avenue SW, Calgary, Alberta.

We are excited to provide this information to you to start the discussion on wireless improvements to your community. We welcome any questions you may have about this process and a list of contacts will be provided at the end of this document.

Yours sincerely,

Anthony Novello

Anthony Novello
Municipal Specialist, Evolve Surface Strategies Inc.

Who is Evolve Surface Strategies Inc.? When a new tower is needed, TELUS hires independent contractors like us, Evolve Surface Strategies Inc., to help discuss these plans with the communities. As such, we are pleased to share the attached information notification package with you that will explain the details for the necessary hardware with you and your community.

Fast Answers:

Why am I receiving this letter?

Your home or business is located within our notification area.

What is this letter about?

TELUS is proposing a new tower in your area.

Why is this letter so technical?

Innovation, Science & Economic Development Canada (ISED) (who oversees this process), requires us to disclose technical information.

Please attend our open house on **February 13, 2025**, where we can explain the more technical aspects of wireless networks in person.

January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

TELUS's Proposal

TELUS is proposing to construct a 35-metre Shrouded Monopole on the northwest corner of the Lakeview United Church property, at the corner of 63 Avenue and 30 Street SW, at 3023 63 Avenue SW.

- All the equipment necessary to operate this facility will reside within a compound located at the base of the tower.
- The proposed facility is proposed for a lot zoned (R-CG) Residential - Grade-Oriented Infill.
- The tower, if constructed, will provide improved wireless high-speed internet access and cell phone service and network capacity to the surrounding area.



Artist's rendering of tower on current landscape.

Who authorizes TELUS to choose this tower location?

ISED—Innovation, Science and Economic Development Canada, (formerly Industry Canada) is the governing body that has exclusive jurisdiction over the placement of wireless telecommunications facilities in Canada. As such, **ISED requires a carrier like TELUS to consult with the applicable local government and the general public regarding new installations.**

The public consultation process is intended to provide an opportunity for community members to have questions addressed while respecting federal jurisdiction of this process.

ISED's Client Procedure Circular 2-0-03 (CPC): *In cases where a local government does not have a telecommunications policy in effect, TELUS must follow the default public and land use authority process outlined in the CPC.*

The CPC provides information on the required scope and timelines of a tower consultation, issues and topics that are defined as reasonable and relevant to the consultation, health and safety guidelines and other relevant information.

January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

Public Consultation Process

(as prescribed by Innovation, Science and Economic Development Canada and the City of Calgary)

STEP 1: PUBLIC NOTIFICATION

The City of Calgary has established their own '*Telecommunications Antenna Structures Siting Protocols*' which documents the public consultation process applicable to tower siting stated under section 9.0. TELUS is required to follow it as is required under federal regulations.

Why are you getting this letter? TELUS is required to provide notification packages to property owners/occupants within a prescribed radius as set by the City of Calgary. The required notification radius in this instance is 300-meters, measured from the tower base or the outside perimeter of the outermost supporting mechanism. As your property falls within this notification radius, TELUS is consulting with you on this tower. We are inviting you with an opportunity to engage in reasonable, relevant, and timely communication regarding this proposal. This notification will also be submitted to the City of Calgary and ISED as part of our application for land use concurrence.

Evolve will acknowledge receipt of comments and questions received within 14 days and address all relevant and reasonable concerns within 60 days. The commenting member of the public will then have 21 days to reply to the response. A summary of all comments received, and our responses will then be submitted to City of Calgary.

STEP 2: OPEN HOUSE

Members of the public are invited to attend an open house on **February 13, 2025, from 5:00pm to 7:00pm, at the Earl Grey Golf Club (6540 20 Street SW, Calgary, AB T3E 5L2)**. Attendees are invited to enter through the Golf Club's main doors and head straight across the main foyer through the double doors to the Earl Grey Room.

Representatives from TELUS will take time to provide information and address questions in person. We will collect additional feedback from attendees during the open house and add this information to our consultation log. Please be advised that this is a walk-through style information session, meaning food, drink, and seating will not be provided.

STEP 3: CITY OF CALGARY LAND USE CONCURRENCE

Following the public consultation process, TELUS will provide the details of correspondence with community members, including TELUS' responses, to both ISED and the City of Calgary. Finally, TELUS will request a resolution of land use concurrence from the City of Calgary which will enable TELUS to proceed with planning for wireless upgrades in the community.

January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

Site Details

PURPOSE:

The purpose of the proposed tower is to expand TELUS' wireless coverage and to provide access to dependable wireless high-speed internet services in the area.

Before proposing a new Telecommunication Facility, TELUS followed the City of Calgary's 'Telecommunication Antenna Structures Siting Protocols' and explored a 500-metre radius from the proposed tower location for any co-locatable facilities.

Currently, there are no existing antenna support structures or other feasible structures that can be used and, as a result, a new tower is required. The tower, if constructed, will provide improved wireless connectivity in terms of reliability and speed and access to emergency 911 services for those in the vicinity of the facility.

LOCATION AND LAND USE

The tower is proposed to be located on the northwest corner of the Lakeview United Church property, at 3023 63 Avenue SW, on the corner of 63 Avenue and 30 Street.

SAFETY CODE 6

ISED requires all wireless carriers to operate in accordance with Health Canada's safety standards. TELUS attests that the tower described in this notification package will be installed and operated on an ongoing basis so as to comply with Health Canada's Safety Code 6 including combined effects with the local radio environment, as may be amended from time to time.

SITE ACCESS

TELUS is proposing to access the site via a walking path off 30 Street that leads to the northwest corner of 3023 63 Avenue SW. TELUS' compound will be enclosed within a chain-link fence to restrict public access.

ENVIRONMENT

TELUS confirms that the installation is excluded from environmental assessment under the Impact Assessment Act.

DESIGN

This proposal is for a 35-metre Shrouded Monopole as well as a 1.0-metre-tall lightning rod, (36.0-metre of total height including the lightning rod). The tower is planned to support 3 (three) initial panel antennas and 6 (six) future panel antennas. At the time of construction, TELUS is planning to deploy the 4G LTE and 5G frequencies. A preliminary design of the tower profile and compound plan is included in this notification, for your reference.

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TRANSPORT CANADA

The proposed tower will comply with all applicable requirements set forth by Transport Canada and NAV Canada. TELUS has obtained the necessary approvals from these regulatory authorities, confirming that no lighting or painting is required for this installation.

STRUCTURAL CONSIDERATIONS

TELUS confirms that the antenna structure described in this notification package will apply good engineering practices including structural adequacy during construction.

LAND USE AUTHORITY

The City of Calgary has established its own '*Telecommunications Antenna Structures Siting Protocols*', and as such we will adhere to this process in consultation with City staff. For more information relating to Calgary's policy please visit the links below:

<https://publicaccess.calgary.ca/lldm01/livelink.exe?func=ccpa.general&msgID=CTTrqKyygKQ&msgAction=Download>

<https://www.calgary.ca/development/permits/telecommunication-antennas.html>

CO-LOCATION

TELUS will consider all applications for tower sharing and co-location in accordance with ISED protocols.

Currently, there are no suitable existing antenna support structures or other feasible structures that can be used and, as a result, a new tower is required. The tower, if constructed, will provide improved wireless connectivity in terms of reliability and speed and access to emergency 911 services for those in the vicinity of the facility.

GENERAL INFORMATION

General information relating to antenna systems is available on ISED's Spectrum Management and Telecommunications website: http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/h_sf01702e.html.

January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

Contact Information

EVOLVE SURFACE STRATEGIES INC.

Telecommunications Division
Suite 105 – 58 Gateway Drive N.E.
Airdrie, Alberta T4B 0J6
T: 403.912.2600
F: 403.912.2620
E: Comments@EvolveSurface.com

CITY OF CALGARY

General for Cell Infrastructure
Planning & Development Services
3rd Floor, Municipal Building,
800 Macleod Trail SE
Calgary, AB T2P 2M5
T: 403-268-2489
F: 403-538-6111
E: PD.CellTower@calgary.ca

INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA – SOUTHERN ALBERTA DISTRICT OFFICE

Harry Hays Building
220 - 4th Avenue SE, Suite 478
Calgary AB T2G 4X3
T: 1-800-267-9401 or 403-292-4881
F: 403-292-4295
E: ic.spectrumcalgary-calgaryspectre.ic@canada.ca

Should you have any specific questions regarding the proposal, please feel welcome to contact the contacts listed herein, or return the enclosed comment sheet by mail or email to TELUS by **end of day, Sunday, February 23, 2025.**

**Do you have questions or
comments about this
proposal?**

We value your feedback.

Written comments posted on or before end of day on **February 23, 2025**, will be included in the formal submission package.

Please contact our office to discuss the proposed facility with representatives from Evolve Surface Strategies Inc.

Phone: 403.912-2600

Email: Comments@EvolveSurface.com

January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

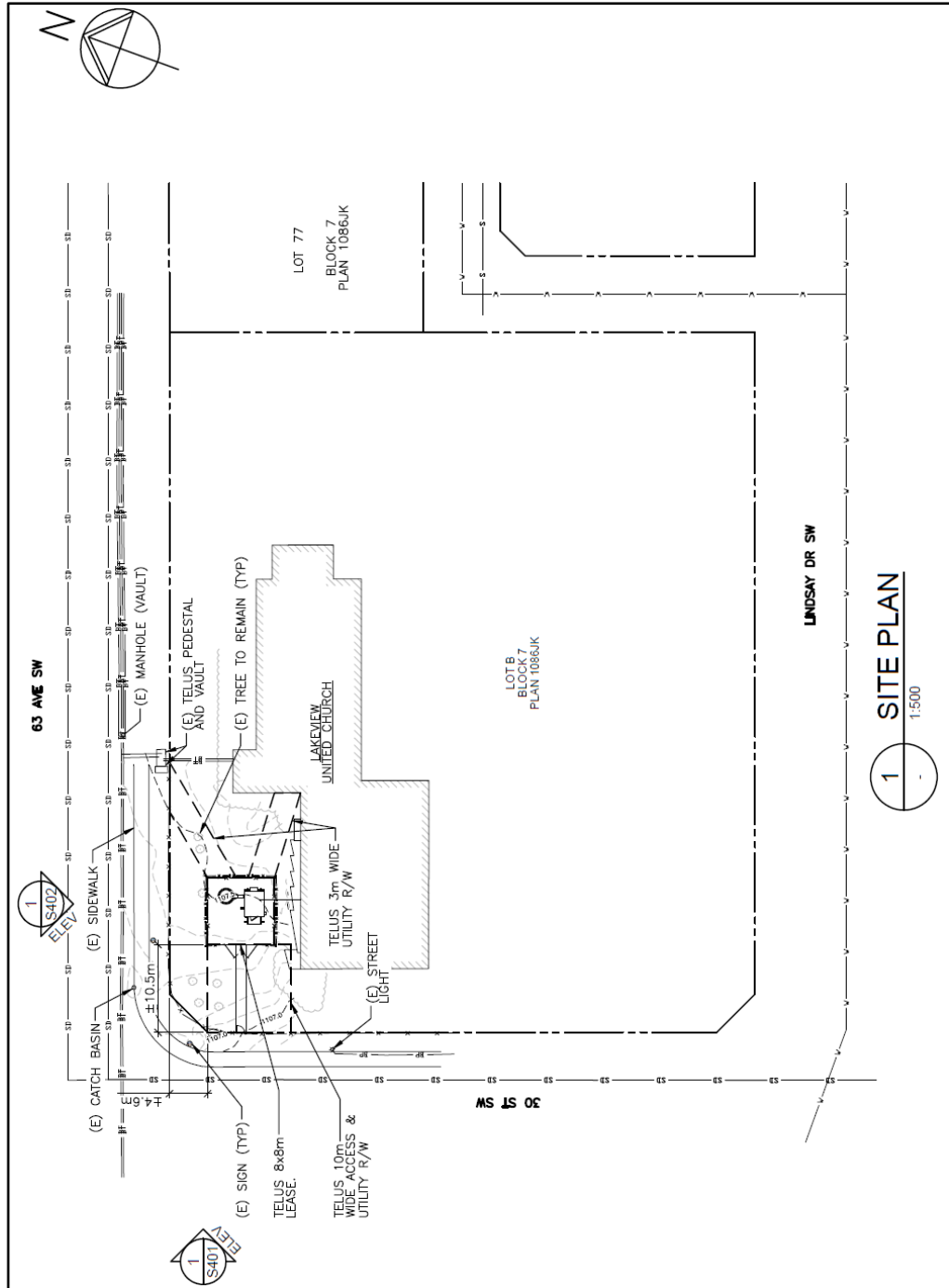
Proposed Tower Map (for discussion purposes only.)



January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

Site Plan (for discussion purposes only.)

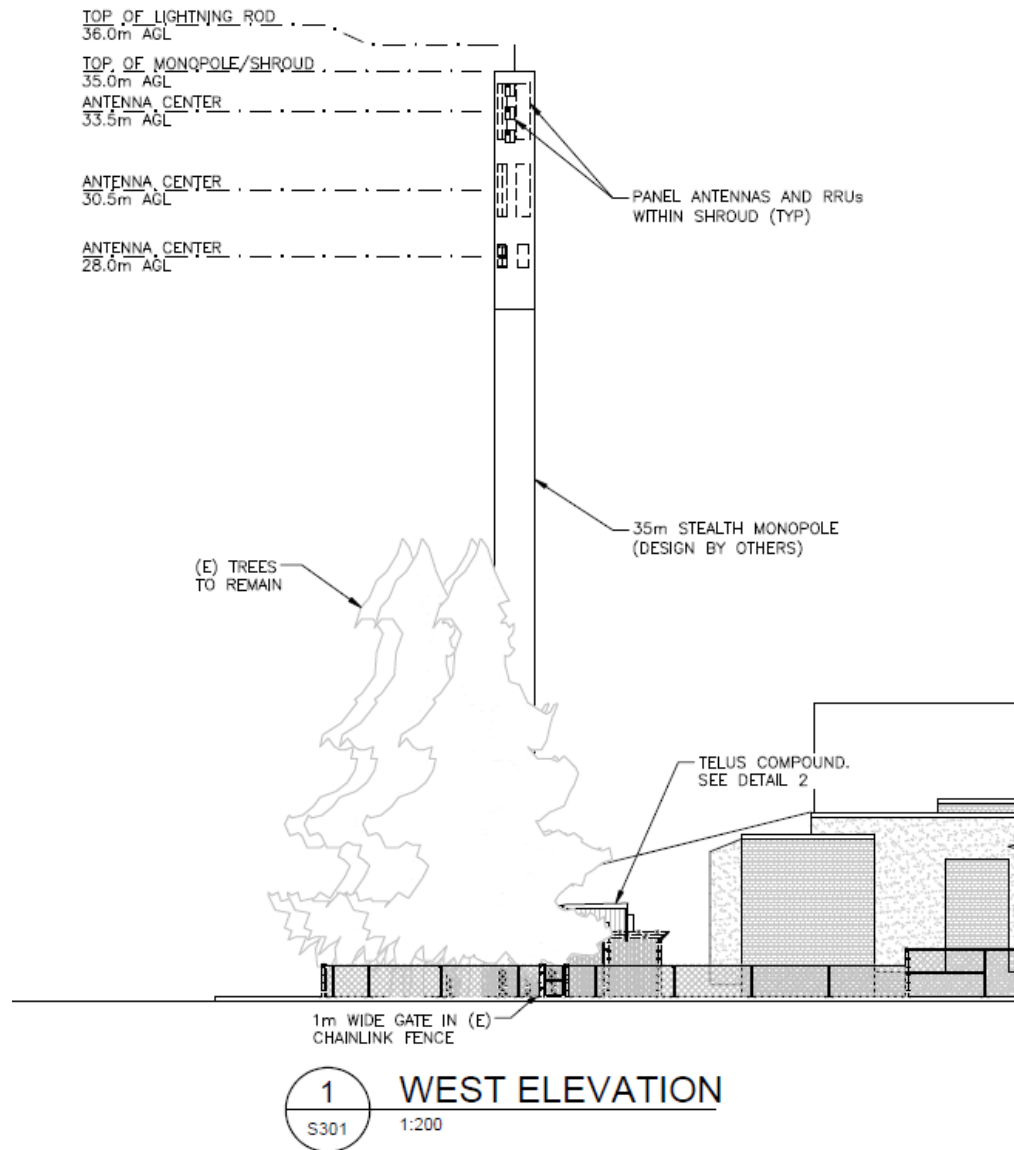


1 SITE PLAN
1:500

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Physical Tower Profile (for discussion purposes only.)



January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

Photo Simulations (for discussion purposes only.)



Existing view of proposed site from the northeast



View of proposed tower, from the northeast

January 23, 2025

Subject: Public Notification: 35-Meter Shrouded Monopole

Comment Sheet – AB103712

If you would like to share your comments, please submit them either by:

Fax: 403-912-2620

Phone: 403-912-2600

Email: Comments@EvolveSurface.com

Mail: Suite 105 – 58 Gateway Drive N.E. Airdrie, AB T4B 0J6

PROPOSED TELUS TELECOMMUNICATIONS FACILITY: 3023 63 AV SW

1. Are you a cellular telephone or wireless internet user? Yes No

2. Is the location of the proposed facility acceptable? Yes No

If no, why? _____

3. Are you satisfied with the design of the proposed facility? Yes No

Comments: _____

4. Other comments (please attach pages if more space is needed):

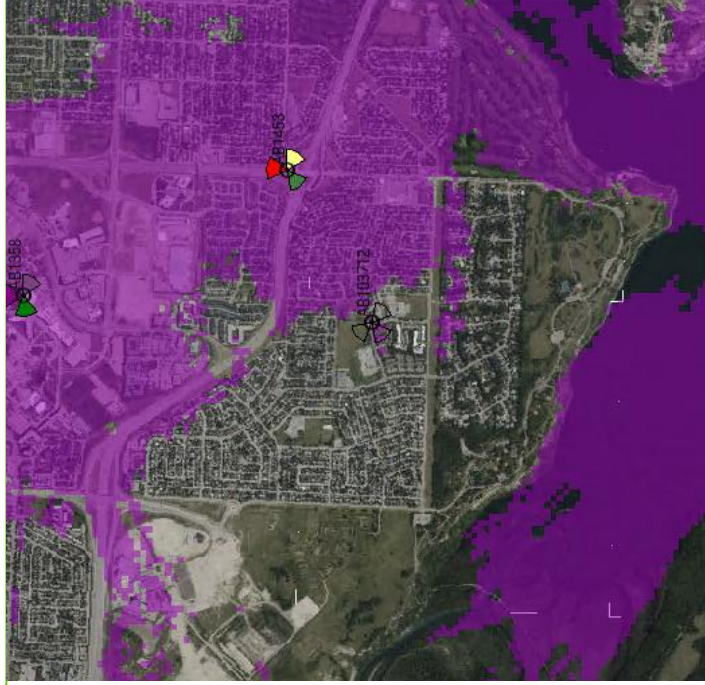
This information will not be used for marketing purposes; however, your comments will be forwarded to the appropriate Land Use Authority for their file. Please write legibly. Thank you.

Name: _____

Address: _____

Phone: _____ Email: _____

Improved Wireless Service Coverage



Before

Signal Available:

Disclaimer: This coverage map was generated from a prediction using mathematical model.. Actual results may vary.

After

