

2025 Annual Project Report

Project Forest Wihnemne School
Food and Medicine Forest



Project
Forest

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Land Acknowledgement

| Traditional Territories



Elder Rufus Pretty Young Man of Siksika First Nation

Project Forest acknowledges that our work is conducted on both Treaty and non-Treaty lands. These lands are the traditional territories of First Nations and Indigenous Peoples. We recognize that our work is intertwined with the deep and diverse histories of Indigenous Peoples. We are grateful for the opportunity to work in these territories and are committed to the recognition and respect of those who live or have lived, travelled, and gathered on these lands for time immemorial.

About Us

| Our Mission, Values and Purpose

Rewilding Canada, one forest at a time.

Project Forest is a non-profit organization working in partnership with conservation groups, Indigenous communities and Canadian businesses to make a positive environmental and social impact in our communities through planting forests. The forests we plant clean air and water, increase biodiversity and contribute to the overall health and well-being of our community.



Our work is rooted in our values.

Responsibility

We believe it is our responsibility to use our skills, knowledge, and experience to bring about positive change in the world.

Reciprocity

We recognize that we have benefited from the earth's resources and are committed to giving back through careful and thoughtful solutions.

Humility

We are grateful for the opportunity to learn from nature, to contribute to improving our environment, and to make a positive impact in people's lives.

Transparency

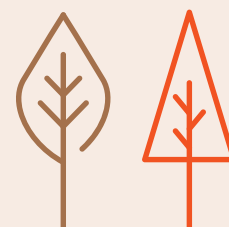
We document, monitor, and share our processes and findings with partners and the public—every step of the way, on every project.

Community

We create spaces where people can connect with nature, and each other. We respect every community we are invited into, and work together to make positive change.

Our Purpose

Inspiring interconnectedness
and hope rooted in
reciprocity and community.



Overview

| United Nations Sustainability Development Goals

Goals to Transform Our World

Planting new forests is critically important in addressing the challenges of our time, particularly when aligned with the United Nations Sustainable Development Goals (UN SDGs). As our communities grapple with climate change and biodiversity loss, forests emerge as pivotal solutions that intersect with multiple UN SDGs including, combating climate change and preserving biodiversity, fostering economic development, ensuring food security, promoting clean water access, and advancing social equity. Aligning the impacts of our forests with the UN SDGs is essential for communicating to stakeholders our dedication to sustainability, transparency, and the measurement of progress over time.

In our 2025 Annual Report, we have linked the outcomes of our rewilding projects with relevant UN SDG targets and indicators, as well as aligned them with corresponding Environment, Social, and Governance goals. This comprehensive approach ensures that our partners have readily accessible information for corporate sustainability reporting, simplifying the process and enhancing transparency.



While the initial Wihnemne School Food and Medicine Forest report did not include alignment with UN SDG 17 (Partnerships for the Goals), we have since expanded our reporting framework and added relevant metrics that were not reflected in the original Annual Report. See page [27](#) for details.

Purpose & Positive Impact

The following UN SDGs are impacted by the Project Forest Wihnemne School Food and Medicine Forest:

Purpose



Positive Impact



Overview

| Forest Facts

About the forest you funded.

NAME	LOCATION
Project Forest Wihnemne School Food and Medicine Forest	Paul First Nation Treaty 6 Territory 53°31'30.1"N 114°22'04.1"W
DATE PLANTED	SIZE
Spring 2024	1 km
TOTAL SEEDLINGS PLANTED	TOTAL SPECIES PLANTED
850 Trees 150 Shrubs	6
	TOTAL CO ₂ REMOVED FROM THE AIR*
	1,080 metric tonnes

SPECIES PLANTED
Balsam Poplar (90)
Willow (180)
Northline Saskatoon (90)
Western Chokecherry (60)
Lodgepole Pine (360)
White Spruce (180)
White Spruce 2m tall (40)



* Metric tonnes of carbon dioxide (CO₂) projected to be removed from the air over 150 years.

2025 Activity Summary Report

Wihnemne School Food and Medicine Forest

This summary reframes the key findings from the Winhemne School Food and Medicine Forest Project survey reports through the lens of four relevant UN Sustainable Development Goals (SDGs).



2025 Activity Summary Report - Wihnemne School Food and Medicine Forest

Purpose

| UN SDG 15 - Life on Land

Goal: Sustainably manage forests, combat desertification, reverse land degradation and halt biodiversity loss.



Project Forest is making a positive impact through restoring degraded land to increase forest cover, enhance biodiversity, and promote the sustainable use of terrestrial ecosystems.

The second monitoring assessment for Wihnemne School Food and Medicine Forest was conducted on 29 October 2025, surveying 1,040 meters of shelterbelt and cultural berry bushes planted along the schoolyard perimeter.

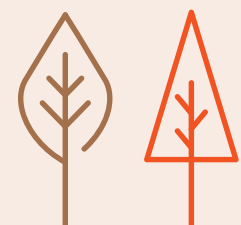
The shelterbelt is establishing well: caliper trees and spruce seedlings are already providing meaningful noise and visual buffering by separating the school from the train and road with strong survival rates of 90% and 84%. Survival observations for Bebb's willow and balsam poplar were constrained by survey conditions, as leafless stems were difficult to distinguish from surrounding tall grass and weeds under suboptimal lighting. However, surveyors estimate that the actual survival rates for these species are expected to exceed the figures recorded in the stocking summary, suggesting the shelterbelt's protective function will continue to strengthen as the site matures.

90%

caliper tree survival rate



Wihnemne School Food and Medicine Forest



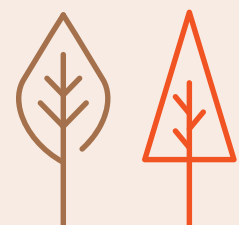
2025 Activity Summary Report - Wihnemne School Food and Medicine Forest

Purpose

| UN SDG 15 - Life on Land



Figure 1: Wihnemne School Food and Medicine Forest
2025 Plot Status



2025 Activity Summary Report - Wihnemne School Food and Medicine Forest

Purpose

| UN SDG 15 - Life on Land



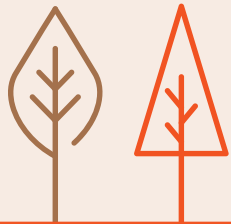
Table 1: Stocking Summary, Year-to-Year Comparison

Type of Species	2024		2025		Total Trees Planted
	# of Trees	% Alive	# of Trees	% Alive	
Bebb's Willow	Unknown	Unknown	21 *	12 *	180
Balsam Poplar	50	56	10 *	11 *	90
White Spruce	166	92	152	84	180
Western Chokecherry	20	33	0	0	60
Saskatoon	1	1	0	0	90
Caliper Trees	38	95	36	90	40

**Bebb's willow and balsam poplar numbers are likely to be higher due to difficult survey conditions*

In the creation of this green space, Project Forest worked with the school to identify the best location for the chokecherry and saskatoon bushes, with the school and its summer student programs responsible for water and maintenance. A communication breakdown between parties resulted in the maintenance department mowing the area, sustaining complete mortality of the cultural berry line. As a result, it has been removed from the current assessment area.

A fill plant will only proceed once an agreement is reached with the school's administration; confirming that seedlings will be maintained and protected from horses that frequent the grounds, addressing the maintenance gaps identified this season, and supporting the long-term success of the cultural plantings. Fill plant requirements would then be reviewed in consultation with the Nation to ensure any remediation planting remain aligned with the original vision and species objectives of the Food and Medicine Forest.



2025 Activity Summary Report - Wihnemne School Food and Medicine Forest

Purpose

| UN SDG 13 - Climate Action

Goal: Take urgent action to combat climate change and its impacts.



Carbon Capture: The site is currently on track to remove 1,080 metric tonnes of CO₂ as projected in year one.

Although the cultural berry lines have been removed from the project area, this has a negligible impact on the carbon projection given the small size of the affected area (0.012 ha) and the species involved.

1,080

metric tonnes of CO₂
projected to be removed
from the air

Purpose

| UN SDG 11 - Sustainable Cities and Communities

Goal: Make cities and human settlements inclusive, safe, resilient and sustainable.



Each year, the shelterbelt component of the Wihnemne School Food and Medicine Forest contributes to a steadily greening campus that shapes how students and teachers experience their school grounds.

The caliper-sized trees and white spruce seedlings, which have established with strong survival rates, provide growing shade and windbreak protection along the school's edges, creating more comfortable conditions for outdoor learning, recess, and gathering throughout the school year.

As Project Forest continues to monitor and, where needed, supplement the shelterbelt's understocked areas through fill planting, the site remains on a trajectory toward a fuller canopy, ensuring that the safe, shaded, and culturally connected green space continues to grow in value for the school community each year.

2025 Activity Summary Report - Wihnemne School Food and Medicine Forest

Purpose

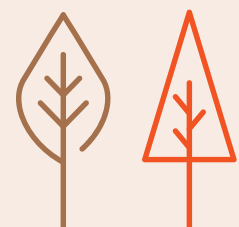
| UN SDG 3 - Good Health and Well-Being

Goal: Ensure healthy lives and promote well-being for all, at all ages.



Forests generate a compounding set of health benefits that renews and deepens with every passing year. Each growing season, the forest simultaneously cleans the air children breathe and shades the ground where they play. Watching the forest grow and change through the seasons fosters a sense of stewardship, purpose, and connection, which are recognized protective factors for mental health in children and youth (Chawla, 2015).

At the Wihnemne School Food and Medicine Forest at Paul First Nation, these benefits are further amplified by teachers and Elders using the living forest as a classroom for traditional ecological knowledge, and cultural ceremony. This forest supports the spiritual and cultural dimensions of health that are inseparable from overall well-being in Indigenous communities (Greenwood & de Leeuw, 2012). In this sense, the Food and Medicine Forest is not a static installation but a health infrastructure that appreciates in value each year, fostering the expansion of community wellbeing with every new ring of growth.



2024 Activity Summary Report

Wihnemne School Food and Medicine Forest

This summary reframes the key findings from the Winhemne School Food and Medicine Forest Project survey reports through the lens of three relevant UN Sustainable Development Goals (SDGs).



Purpose

| UN SDG 15 - Life on Land

Goal: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

Matching ESG Goals:

- Providing clean air and water.
- Improving biodiversity.
- Re-establishing traditional landscapes.



Project Forest is making a positive impact through restoring degraded land to increase forest cover, enhance biodiversity, and promote the sustainable use of terrestrial ecosystems.

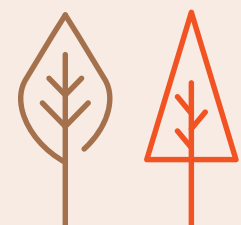
Indicator 15.1.1: Forest area as a proportion of total land area.



1,000
Total Trees & Shrubs
Planted

Project Forest, in collaboration with Paul First Nation, launched the **Wihnemne School Medicine Forest**, a small-scale but highly impactful restoration and education initiative centered on land adjacent to the Paul's Elementary Jr High School.

The project focused on the establishment of a shelterbelt between the school property and nearby train tracks. Culturally significant food and medicinal shrubs were planted on school grounds as well as a combination of landscape-sized trees and seedlings.



Purpose

| UN SDG 15 - Life on Land



Indicator 15.1.2: Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type.

Project Forest partners with Indigenous communities to plant trees, shrubs, food and medicinal plants that contribute to increasing the overall forested areas in those communities.

In addition to the food and medicine plants, Project Forest created a shelterbelt in the schoolyard to provide a buffer from the adjacent rail tracks. For the first time, Project Forest planted landscape-sized trees to create an immediate and effective visual barrier for the students and staff at Wihnemne School. This project directly enhances biodiversity, restores native species, and improves ecosystem services through shelterbelt creation and establishment. It contributes to the rehabilitation of degraded school lands with culturally significant species.

Project Goals:

Railway Shelterbelt

Purpose: To create a visual and sound buffer between the schoolyard and adjacent railway tracks, enhancing safety and tranquility for students and staff.

- 40 caliper-sized white spruce trees planted for immediate impact.
- 450 white spruce, balsam poplar, and willow seedlings were planted to ensure long-term forest succession and density.
- Mulch was deployed to help with moisture retention, weed suppression, temperature regulation, and nutrient enrichment.

Schoolyard Shading

Purpose: Provide immediate summer shade for children during recess and outdoor learning activities.

- 8 landscape-sized white spruce trees were planted within the yard.
- Focused on creating comfort and enhancing the usability of outdoor space during warmer months.

Food & Medicine Shrubs

Purpose: Provide the students with an opportunity foster, maintain and learn from culturally significant species.

- As requested by the Nation, - planted species include Northline Saskatoon and Western chokecherry, known for their traditional uses

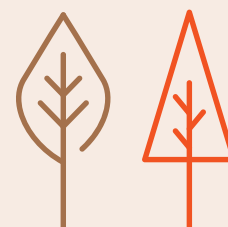
1

km of Land Planted

Caliper Sized Tree: Also called a landscape-sized tree, is a tree large enough to be sold, planted, or specified by caliper (stem diameter), rather than height or container size.

6

Different Species of Trees & Shrubs



Purpose

| UN SDG 15 - Life on Land

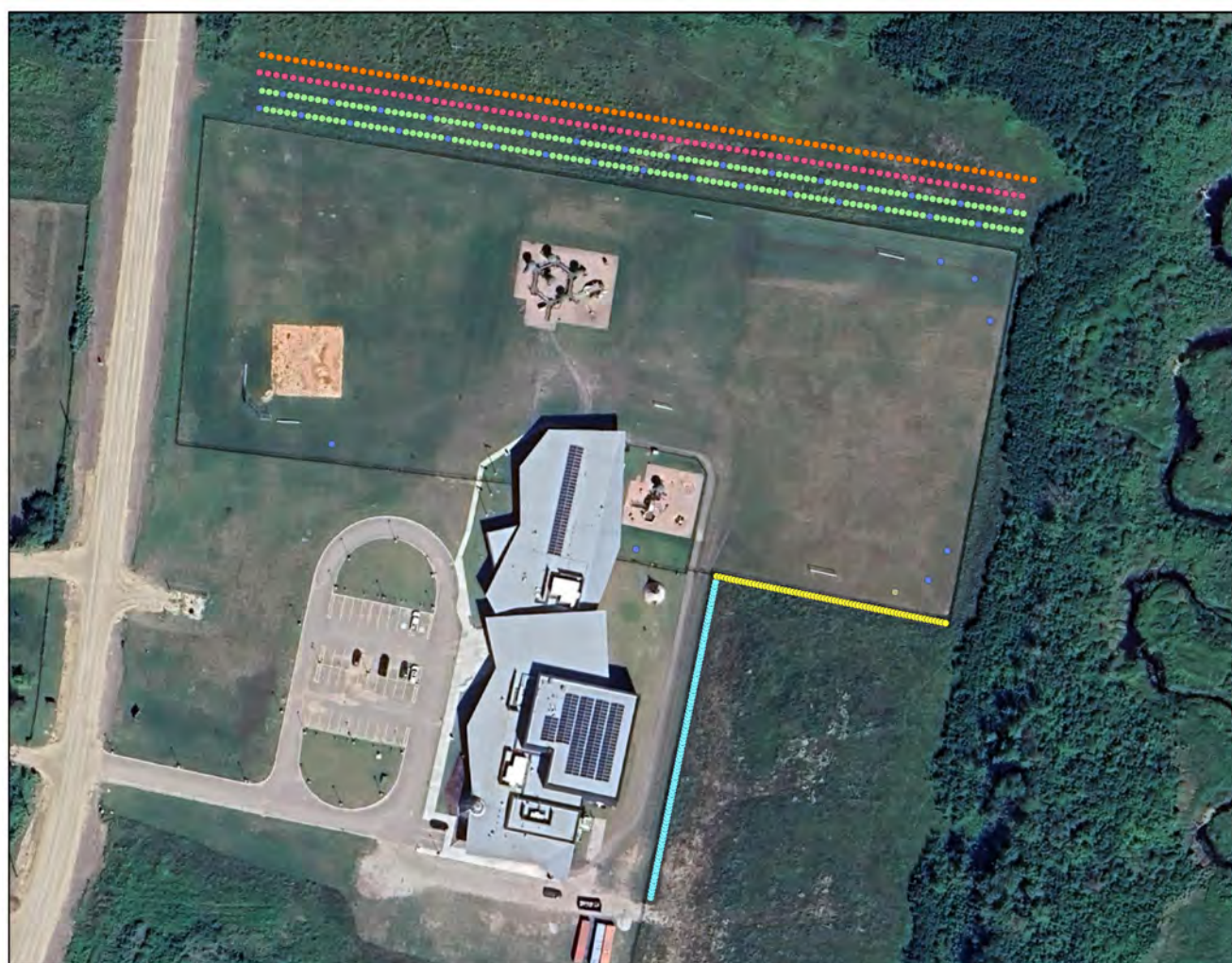


in Indigenous diets and medicine.

- Teachers and Elders will use the forest as a living classroom to teach plant identification, harvesting practices, and cultural stories.

Indicator 15.2.1: Progress towards sustainable forest management.

Figure 1: Wihnemne School Food and Medicine Forest Planting Site



**Paul First Nation School's
Food & Medicine Forest
Native Species
Prescription Option**

Project Partners:



Legend:

Railway Shelterbelt Conifers

● White Spruce Seedlings

● White Spruce Caliper Trees

Railway Shelterbelt Deciduous

● Balsam Poplar Seedlings

School yard

● White Spruce Caliper Trees

Cultural Berry Bushes

● Saskatoon Seedlings

● Choke Cherry Seedlings

Date Created: 2023-11-13
Project CRS: EPSG:3400
Source: Google Satellite
Created By: Tree Time Services Inc.
Scale: 1:1,000

0 20 40 60 m

Purpose

| UN SDG 15 - Life on Land



Indicator 15.2.1: Progress towards sustainable forest management.

The Project Forest Rewilding Plans, Monitoring Protocols, and Remediation Actions are designed to ensure the health and success of our projects. Project Forest developed a Rewilding Plan to ensure the long-term success of the seedlings while meeting both ecological and cultural goals for the school and the Nation.

To create a Rewilding Plan, a site visit was conducted to survey the area where we identified and developed mitigation strategies for any site limiting factors. In collaboration with Paul First Nation, a species list was finalized to achieve immediate visual screening from the nearby CN rail tracks and to incorporate traditional food-bearing and medicinal plants throughout the school grounds. Forty landscape-sized trees were planted to create an effective buffer for students and staff from day one.

The Rewilding Plan protocols included:

- Detailed planting maps tailored to the site layout and surrounding ecosystem.
- Site preparation prescriptions to create optimal growing conditions.
- Mitigation strategies to address environmental challenges.
- Vegetation management and monitoring plans to ensure long-term project health and survival.

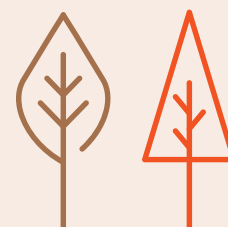
Through careful planning and collaboration, this project delivered a resilient landscape that supports student safety, cultural connection, and ecological restoration for years to come.

Monitoring Protocols

During the design and budgeting phase, Project Forest applies a 25% mortality assumption to all projects, consistent with its internal monitoring protocols. By budgeting for this mortality rate, Project Forest ensures sufficient planting density and resource allocation to achieve a minimum 80% survival rate.

Sustainable Forest Management

is a way of using and caring for forests to maintain their environmental, social, cultural and economic values and benefits over time (NRCAN, 2024)



Purpose

| UN SDG 15 - Life on Land



This strategy supports long-term objectives of establishing healthy, self-sustaining rewilded ecosystems. Each site is surveyed annually, the results of the survival surveys are used to determine if a fill plant is required.

A site survey was done in the fall of 2024.

Table 1: 2024 Fall Survey Results

Species	Number Planted	Plants Alive	Observed % Alive
Willow	180	Unknown	---
Balsam Poplar	90	50	56%
White Spruce	180	166	92%
Caliper Sw	40	38	95%
Chokecherry	60	20	33%
Saskatoon	90	1	1%

15-25

Height in cm of Willow Seedlings after 1 year

The Challenge:

In support of UN Sustainable Development Goal 15: Life on Land, Project Forest conducted a stocking survey at Paul's Elementary Jr High School during Fall 2024, assessing species performance across the shelterbelt and cultural planting areas. The objective was to assess reforestation success and biodiversity.

The Reality:

Survey results revealed a wide variance in species survival. While white spruce (92%) and caliper spruce (95%) performed strongly, survival rates were lower for balsam poplar (56%) and significantly poor for chokecherry (33%) and Saskatoon (1%). The survey crew was not able to quantify the willow survival rate.

The Context:

The site will be assessed again during the fall of 2025. Should the results remain consistent, a fill plant will be scheduled for the spring of 2026.

Purpose

| UN SDG 15 - Life on Land



The Nation will be consulted to discuss the deployment of any species species selected for a fill plant.

The Obstacle:

Key regeneration barriers included:

At the shelterbelt location there is inadequate herbaceous competition suppression due to the mulch's inability to prevent competition ingress.

Observations from the 2024 fall survey may have underestimated the number of live stems, particularly for willow and smaller shrub species. This was due to the leaf off dormant state of the deciduous plants and poor weather conditions that limited visibility and reduced assessment accuracy. A follow-up survey will be completed in 2025 to confirm current stocking levels before any 2026 fill planting is scheduled.

Horse scat was observed around the culturally significant species. We believe that horse activity and browsing pressure of the culturally significant species resulted in a mortality event.

We are currently working with Paul First Nation to adjust the species mix and plan for a potential 2026 fill plant. Additionally, we are considering using tree guards to reduce the browsing risk from horses and other ungulates.

Purpose

| UN SDG 13 - Climate Action

Goal: Take urgent action to combat climate change and its impacts.

Matching ESG Goals:

- Reducing GHG emissions.
- Experiencing nature in an educational and interactive way.



The trees we plant at Paul's Elementary Jr.High School can have a significant impact on mitigating climate change.

Indicator 13.2.2: Total greenhouse gas emissions per year.

Forests act as carbon sinks, absorbing carbon dioxide (CO₂) from the atmosphere through photosynthesis and storing it in their biomass and soil. By planting forests, we increase the amount of CO₂ sequestered, thereby reducing the concentration of greenhouse gases (GHGs) in the atmosphere. This helps mitigate climate change by reducing the amount of CO₂ that contributes to global warming (NRCAN, 2024).

The amount of CO₂ projected to be removed from the atmosphere over the lifetime of the Project Forest Wihnemne School Food and Medicine Forest is 1,080 metric tonnes.

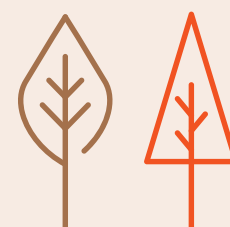
Project Forest uses the [Carbon Budget Model of the Canadian Forest Sector \(CBM-CFS3\)](#) modeling framework developed by Natural Resources Canada to assess the impacts of our forests on carbon. This is the national standard for reporting on forest carbon.

1,080

Metric tonnes of CO₂ project to be removed from the air

Carbon Budget Model of the Canadian Forest Sector

is an aspatial, stand and landscape-level modeling framework used for international reporting of the forest carbon balance of Canada's managed forest (NRCAN, 2024)



Purpose

| UN SDG 13 - Climate Action



Target 13.3: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.

Project Forest provides our partners and the wider community with the opportunity to participate in educational activities through our Community and Corporate Outreach Program. Experiencing nature in an educational and interactive way enriches knowledge, fosters a connection with the environment, promotes well-being, and encourages responsible environmental behaviour. These are some of the engagement activities we conducted in 2024:

Tree Planting Events

- On June 24th, 2024 Project Forest hosted a groundbreaking celebration and tree planting event on the Paul's Elementary Jr. High School grounds
- In-person, hands-on volunteering opportunities for Silver, Gold and Platinum financial partners
- Educational talks around seedling physiology, forest succession, tree planting technique, tree planting survey methodology, seed collection, plant identification, and traditional plant uses

Indigenous Engagement

- Opportunity to learn from Indigenous Knowledge Keepers and Elders in various capacities from presentations, interviews and talks, to one-on-one exchanges at our Corporate Planting Events and Annual Partner Celebration
- We planted trees on site at Paul's Elementary Jr High School during a community tree planting day, while teaching the students about the different trees and shrubs

Podcast, radio, tv and webinar interview

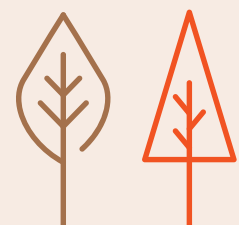
- Overview of the rewilding process for general audiences
- Discussions of more in-depth topics such as working with Indigenous communities, operating a non-profit, and sustainable forest practices

Lunch and Learns, Keynote Presentations and Panel Discussions

- Overview of the rewilding process, our projects, and stories of community impact
- Stakeholder project impacts and opportunity to engage with the Project Forest team

4

Project Funding Partners



Purpose

| UN SDG 13 - Climate Action



Annual Partner Celebration

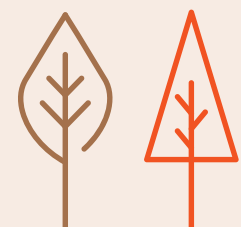
- Presentations featuring a wide range of speakers from the Project Forest community
- Focus on Indigenous reconciliation through rewilding, sustainable business practices, and community investment

Seedling and Seed Kit giveaway events throughout the year

- Opportunity to interact with the Project Forest team
- Celebrate the impact your organization is making
- Engage with the Project Forest community



Students learning about plants and trees at Wihnemne School Food and Medicine Forest



Purpose

| UN SDG 11 - Sustainable Cities and Communities

Goal: Make cities and human settlements inclusive, safe, resilient and sustainable.

Matching ESG Goals:

- Generating social & economic growth.
- Advancing health & wellbeing.
- Developing deeply ingrained Indigenous relationships.



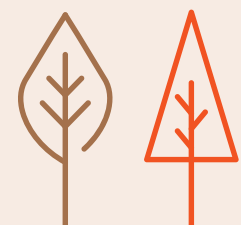
Restoring degraded land can have a positive impact on communities through creating safe, resilient, and sustainable natural spaces.

Target 11.4: Strengthen efforts to protect and safeguard the world's cultural and natural heritage.



Paul's Elementary Jr. High School Shelterbelt

Nature holds immense cultural and spiritual significance for many Indigenous Peoples. The Wihnemne School Food and Medicine Forest incorporated traditional food bearing, medicinal and culturally significant plants into the learning area.



Purpose

| UN SDG 11 - Sustainable Cities and Communities



"We value our partnerships with companies who share our appreciation for nature, its beauty, and everything it has to teach us. Reclaiming the land around the school grounds gives the children even more learning opportunities which is priceless. As the trees grow the children will also grow in so many ways."

Faron Bull, Paul First Nation Councilman



Dechant Construction Site preparation at Paul's Elementary Jr. High School

Indicator 11.a.1: Number of countries that have national urban policies or regional development plans that (a) respond to population dynamics; (b) ensure balanced territorial development; and (c) increase local fiscal space.

The trees we plant provide areas for recreation and traditional land use within the community. Our funding partners finance the rewilding costs including seedlings, planting, and labour, allowing communities to allocate more funds to services and infrastructure.

When operating on First Nation land, Project Forest will always grant the Nation's economic development corporations and First Nation owned businesses first right of refusal on the following project work opportunities:

- Mechanical site preparation
- Seed collection
- Vegetation management
- Survival assessment survey and data collection
- Cover crop deployment
- Construction work

The IRC (Indian Resource Council), works with Project Forest to promote First Nation and local participation on different site activities as noted above.

Local fiscal space is defined as the sum of financial resources available to a government for the improved delivery of basic services without any prejudice to the sustainability of a government's financial position (Heller, 2005)

Positive Impact

| UN SDG 3 - Good Health and Well-Being

Goal: Ensure healthy lives and promote well-being for all, at all ages.



Planting a forest can have several positive impacts on ensuring healthy lives and promoting well-being for all ages.

Target 3.9: By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination.

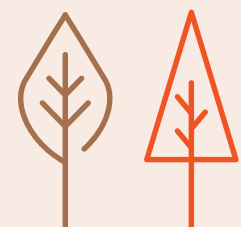
Trees act as natural air filters by absorbing pollutants and particulate matter from the atmosphere. Trees remove harmful gases by absorbing them through their leaf stomata, filtering these chemicals from the air. Particulate matter is intercepted by the tree's surfaces. When it rains, the particles are washed off and carried to the ground. Planting forests can help improve air quality, by reducing the exposure of communities to harmful pollutants. (Nowak et al., 2014)

In addition to improving air quality, this project provides opportunities for people to connect with nature, enjoy recreational activities, and experience the positive physical and mental health effects of spending time outdoors. They also provide various ecosystem services that indirectly contribute to our health and well-being.

Some of the important ecological services provided by shelterbelts include:

- cleaning water through water filtration
- cleaning air through oxygen production and absorption of pollutants
- enhancing soils and restoration of nutrients through the inclusion of food bearing plants and shrubs
- absorbing CO₂ from the atmosphere
- expanding biodiversity due to increased biomass of leaf litter

These services all indirectly impact human health and well-being.



Positive Impact

| UN SDG 2 - Zero Hunger

Goal: End hunger, achieve food security and improved nutrition and promote sustainable agriculture.



This project can have indirect but important impacts on addressing hunger, achieving food security, improving nutrition, and promoting sustainable agriculture.

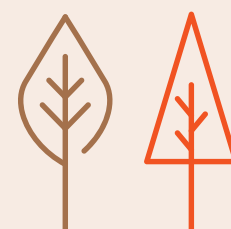
Target 2.1: By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round.

Indigenous food and medicine forests incorporate a wide variety of plant species, including vascular plants, shrubs, fungus, bushes, and trees. This diverse range of edible and medicinal plants provides a broad selection of food and healing sources for the community year round.

By growing food and medicinal plants, Indigenous communities can reduce their reliance on external sources and commercial markets. This enhances the community's self-sufficiency and food sovereignty.



Western Chokecherry



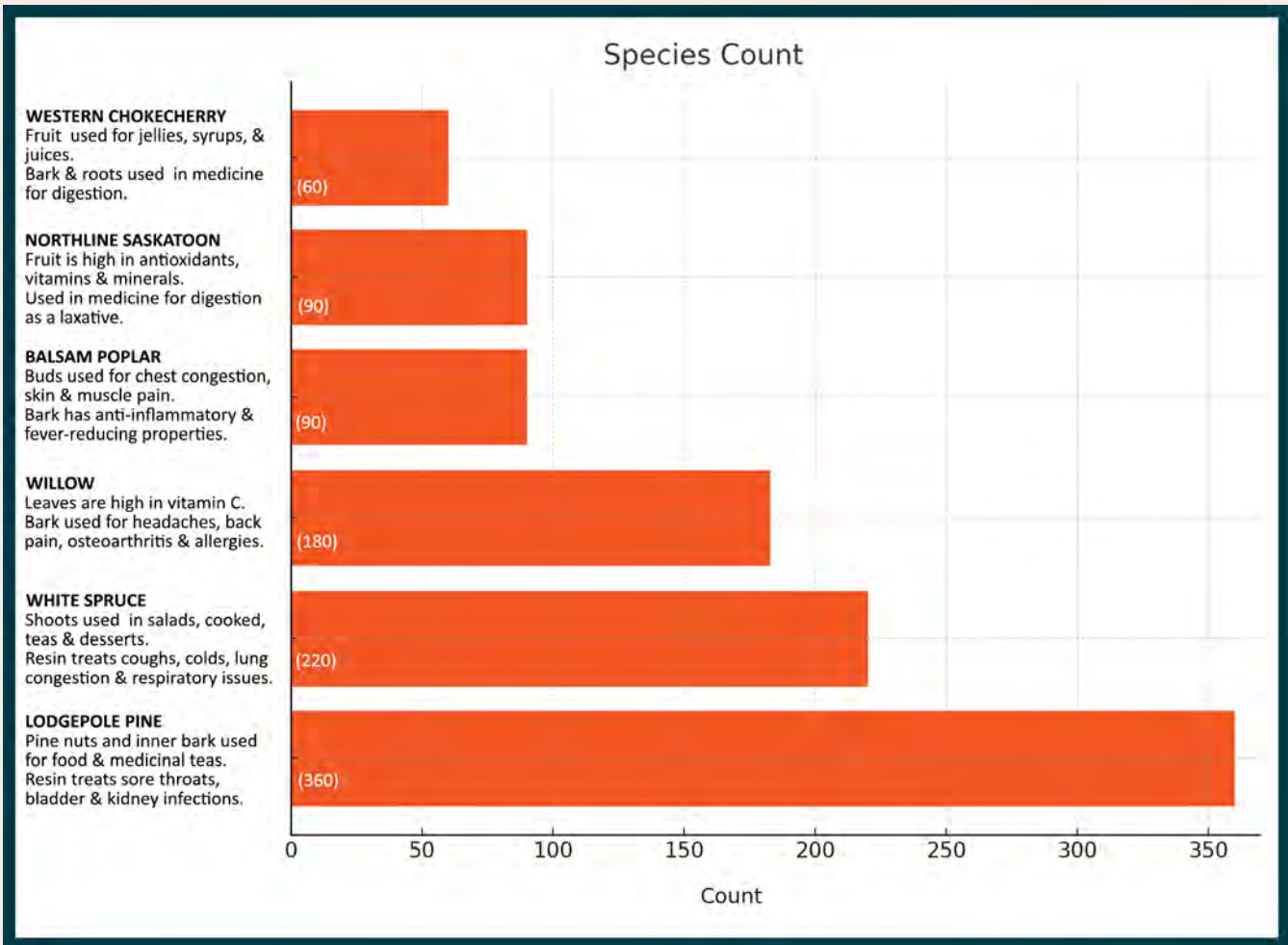
Positive Impact

| UN SDG 2 - Zero Hunger



In 2024, Project Forest Wihnemne School Food and Medicine Forest planted 1,000 food, medicinal, and culturally significant plants across the Wihnemne School project site. A total of 6 different species were planted (Figure 2).

Figure 2: Food and Medicinal Species Planted in 2024



Positive Impact

| UN SDG 17 - Partnerships for the Goals

Goal: Strengthen the means of implementation and revitalize the global partnership for sustainable development.

Matching ESG Goals:

- Coordinating conservation, Indigenous, and business partnerships.
- Directing private capital toward public-good outcomes.
- Strengthening ESG transparency and accountability.



Every forest planted by Project Forest is made possible by the coming together of funding partners, Indigenous communities, conservation organizations, and land stewards, each contributing something the others cannot provide alone.

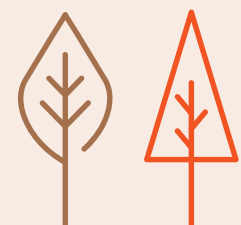
Indicator 17.3.1: Additional financial resources mobilized from multiple sources.

Rewilding benefits everyone, yet it rarely has a natural funding source. Project Forest's funding model is designed to draw resources from multiple sectors, allowing partners to share the full cost of rewilding in a manner that is structured, accountable and scalable. Since 2020, this approach has grown to include 77 funding partners, connecting the Canadian business community to Indigenous territories and conservation sites in a meaningful way.

The ecological restoration of Wihnemne School Food and Medicine Forest was made possible through partnerships built on shared values and a collective commitment to long-term rewilding. This alignment demonstrates how multi-source funding can generate a lasting ecological and community legacy.

77

Total funding partners
between 2020 and 2025



Positive Impact

| UN SDG 17 - Partnerships for the Goals



Target 17.16: Enhance the Global Partnership for Sustainable Development through multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources.

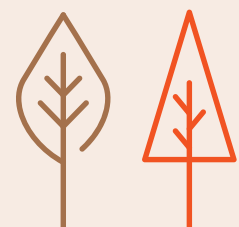
Our forests are the product of relationships that no single organization could build alone. Conservation groups contribute land and ecological expertise. Indigenous communities contribute land, traditional knowledge, cultural context, and long-term stewardship. Businesses contribute financial resources that make rewilding possible. Post-secondary institutions contribute research capacity and scientific rigour that strengthen our understanding of how these forests grow and function over time. When brought together in alignment, Project Forest is able to coordinate their contributions and ensure that the outcomes are documented and shared in a way that keeps all partners accountable and engaged year after year.

With additional guidance from the Indian Resource Council who hold a formal seat on our Board of Directors, we ensure that Indigenous institutional knowledge doesn't only shape our planting plans but our governance. This exchange of resources and knowledge deepens over time as relationships with our partners grow stronger each year. The result is not a transactional arrangement, but a growing community of organizations and individuals united around a shared commitment to rewilding Canada, one forest at a time.

We are a growing community of organizations and individuals united around a shared commitment to rewilding Canada, one forest at a time

Target 17.17: Encourage and promote effective public, public-private, and civil society partnerships.

Permanence agreements with landowners guarantee that forests remain protected in perpetuity. First-right-of-refusal commitments to First Nations ensure that partnership benefits flow back to communities in the form of employment and contracts. These are not informal arrangements; they are documented, enforceable commitments that anchor our partnerships over the long term and model what responsible, accountable public-private and civil society collaboration can look like in a conservation context.



Partners

| Funding Partners



Our work is not possible without you.

Thank you to our funding partners!

Diamond Willow

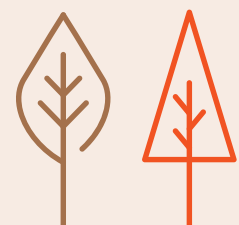


Platinum Forest



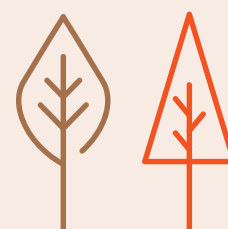
Gold Woodland

SECURE



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Appendix A - 2025 Site Survey

Shelterbelt Survey Cover Page				
Project site: Wihnemne School Forest				
Survey Date(s)	October 29, 2025	Planted Length	1,040 m	
		Total Length walked	1, 040 m	
Stocking Calculations				
Type of Plot	# ms walked	% Walked	Meet Final Criteria	% of Plots
Bebb's Willow	440	100	0	0
Balsam Poplar	220	100	0	0
White Spruce	440	100	0	0
Western Chokecherry	70	100	0	0
Saskatoon	90	100	0	0
Type of Plot	# trees	% Assessed	Meet Final Criteria	% of trees
Caliper Trees	40	100		
Acceptable Stocking Summary				
Stocking Status	Alive Count		% Alive	
Bebb's Willow	21*(of 180)		12	
Balsam Poplar	10* (of 90)		11*	
White Spruce	152 (of 180)		84	
Western Chokecherry	0 (of 60)		0	
Saskatoon	0 (of 90)		0	
Stocking Status	Alive Count		% Alive	
Caliper Trees	(36of 40)		90	
<u>Project Comments:</u> The western chokecherry and saskatoon have been mowed. Therefore, this area has been removed from the assessment area. The seedling presence for Bebb's willow and balsam poplar is probably higher, as the conditions for observing the seedlings were difficult. The spruce seedlings and caliper trees have a good survival percentage to date.				

Assessment Survey Map



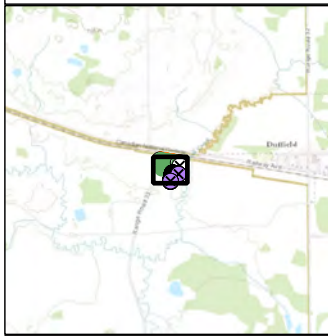
Paul First Nation Survey Plot Status Fall 2025

Project Partners:

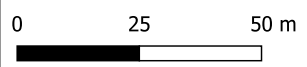


Legend

- Removed Berry Bushes
- School Yard Caliper Spruce
- Dead
- Alive
- Shelterbelt-Spruce
- Spruce Seedlings
- Caliper Spruce
- Dead
- Alive
- Shelterbelt - Pb & Salix
- Balsam Poplar
- Bebb's Willow



Date Created: 2026-06-08
Project CRS: ESRI:102178
Source: Google Satellite, ESRI Topo
Created By: Tree Time Services Inc.
Scale: 1:1,000



Site Photos

Photos

Area Removed – Cultural Species Line



Figure 1. Mowed Saskatoon Line

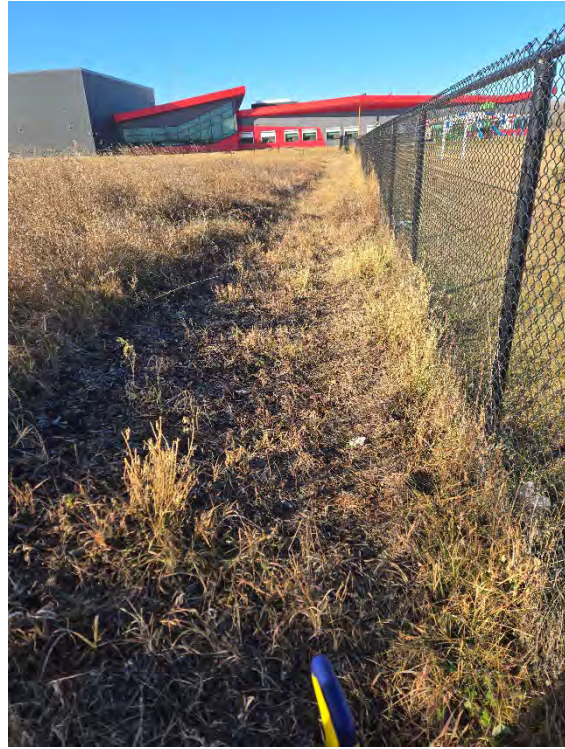


Figure 2. Mowed Chokecherry Line

Caliper Trees



Figure 3. 2 dead caliper trees, 1 alive tree



Figure 4. Photo of alive caliper tree



Figure 5. Photo of alive caliper tree



Figure 6. Photo of alive caliper tree

Seedling Photos



Figure 7. Photo of willow seedling



Figure 8. Photo of balsam poplar seedling



Figure 9. Photo of white spruce seedling



Figure 10. Photo of white spruce seedling

Appendix B - Rewilding Plan



Project Forest – Paul First Nation

Paul First Nation School Planting Project

Work Plan 2023 - 2024

October 20, 2023



Prepared by:



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1 Project Overview

Project Forest and Paul First Nation (PFN) have partnered to plant seedlings and trees around the Paul First Nation School. Project Forest has retained Tree Time Services for project planning, project management and field implementation of this Project.

The project sites are located around the Paul First Nation School that is about 80 km west of Edmonton. See Appendix 1 for an Overview Map.

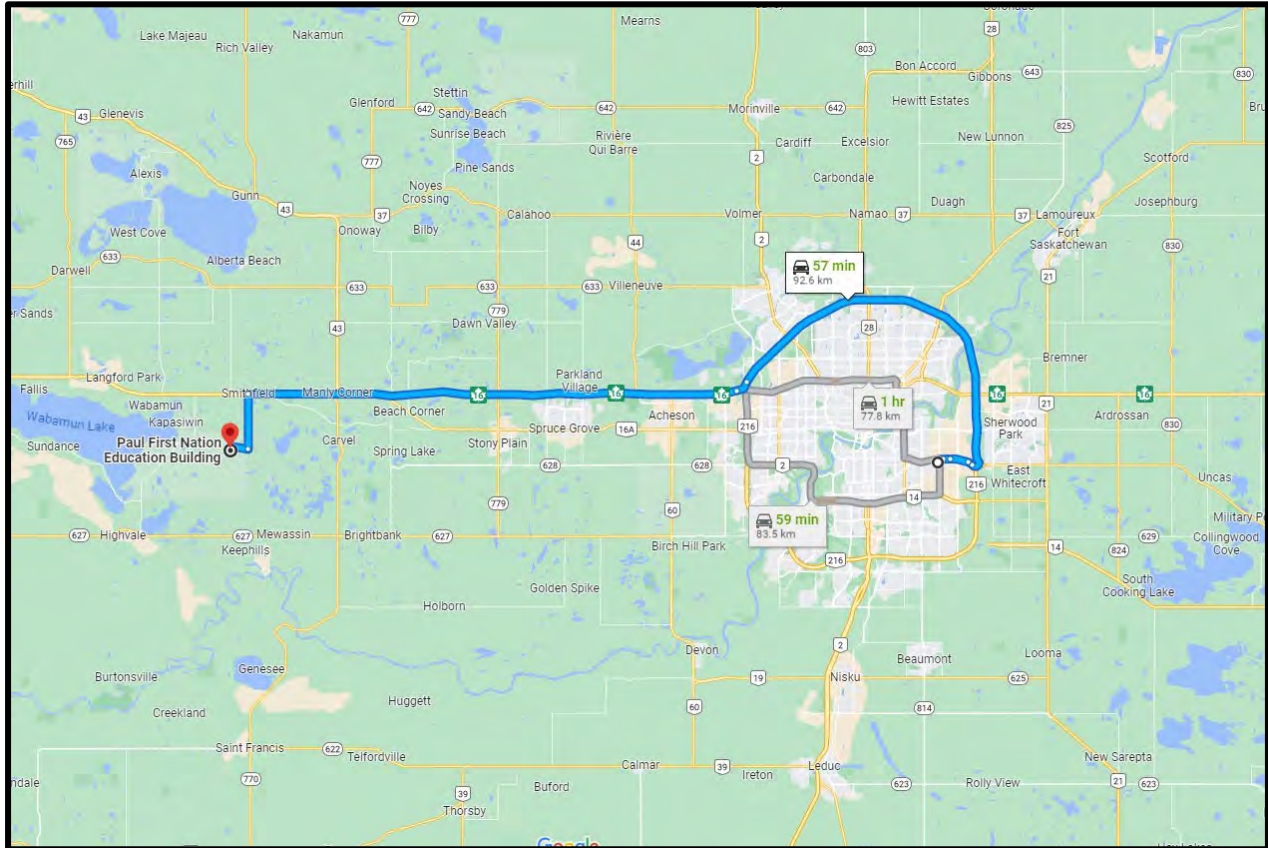


Figure 1. Directions to Paul Band First Nation School from Edmonton, AB

There are three planting areas identified around the school. Table 1 lists the identified areas for planting along with the different objectives for each planting area.

Table 1. Identified planting areas around Paul First Nation School

Area	Purpose
Railway Shelterbelt	Provide a noise and visual buffer between the school and railway tracks
Schoolyard	Provide shade trees for the students
Cultural Area	Provide an educational area on edible and medicinal plants for students

2 Site Prescriptions

The sites are in the Dry Mixedwood Natural Sub-Region of the Boreal Forest. Table 2 lists the sections of the project site and their respective areas. See Appendix 2 for the site prescription map. The species list was developed with engagement with the Paul First Nation.

Table 2. Project site sections and respective areas

Section	Length (m)	Number of Caliper Trees
Railway Shelterbelt	880	32
Schoolyard	N/A	8
Cultural Area	160	0

2.1 Railway Shelterbelt

The purpose of the railway shelterbelt is to provide noise and visual barrier between the school and the railway tracks. Currently the area has garbage on the site that will need to be removed prior to site preparation.

There is an abundance of weeds present on site, including Common Tansy (*Tanacetum vulgare*) and Canada Thistle (*Cirsium arvense*) that require management.

2.1.1 Site Preparation

The purpose of site preparation is to mitigate site limiting factors. The site limiting factors for the site are garbage and competition. To address the garbage present on site, the garbage will be removed from the site. Mowing the site first will ensure that the equipment used to till or disc will be effective conducting site preparation. Tilling or discing is a useful technique to manage competition and recycle the nutrients from those plants. However, there is a risk when tilling or discing a site that the microsites may lead to an increase in competition on the site. To manage the competition after tilling or discing, wood mulch will be placed on those areas. Fertilizer packs will be placed with seedlings as they are planted. These packs will ensure that the seedlings are not impacted by the wood mulch depleting the nitrogen within the soil.

No herbicides will be used during site preparation.

2.1.2 Tree and Seedling prescription

Table 3. Railway Shelterbelt species and planting information

Species	Latin Name	Tree Size	Amount	Spacing (m)
Blue Spruce	<i>Picea pungens</i>	Caliper Tree	32	N/A
Blue Spruce	<i>Picea pungens</i>	Seedling	190	2.0
Golden Willow	<i>Salix alba vitellina</i>	Seedling	95	2.4
Acute Willow	<i>Salix acutifolia</i>	Seedling	95	2.4

Acute Willow, Golden Willow, and Blue Spruce are common shelterbelt species. The willows develop quickly and are hardy shelterbelt species that are ideal for windbreak and privacy screen. Both willows have a fast growth rate, require low maintenance and are beneficial to pollinators in the spring.

Blue Spruce trees are suited for use in shelterbelts because of their high pollution tolerance, require low maintenance, and have a long-life span. However, spruce grow relatively slow, and it will take several years prior to becoming effective shelterbelt trees.

2.2 Schoolyard

The school plans to plant several caliper trees within the schoolyard to provide shade to students during recess.

2.2.1 Site Preparation

The schoolyard does not require any additional site preparation prior to the installation process of the caliper trees as it is well maintained by the school maintenance personnel. During the installation process, a large auger may be used to mitigate any compaction issues.

2.2.2 Tree Prescription

Table 4. Schoolyard species and planting information

Species	Latin Name	Tree Size	Amount	Spacing (m)
Blue Spruce	<i>Picea pungens</i>	Caliper Tree	8	N/A

Blue Spruce trees are often used as accent trees in landscaping due to their unique colour. In addition, Blue Spruce requires low maintenance.

2.3 Cultural Area

Various berry producing shrubs and culturally significant shrubs will be planted to help educate students about the plants and their connection to traditional practices.

2.3.1 Site Preparation

The seedlings will be planted on the east side of the school along the outside of the schoolyard fence. The line along the fence appears to be regularly mowed. However, prior to planting shrub species along the fence the area will be tilled, and wood mulch placed on top.

Tilling will ensure that the soils are suitable for planting, while the wood mulch will manage weed competition. Fertilizer packs will be planted with the seedlings to ensure that enough nutrients are available during establishment.

2.3.2 Tree and Seedling prescription

Table 5. Cultural area species and planting information

Species	Latin Name	Tree Size	Amount	Spacing (m)
Raspberry	<i>Rubus idaeus</i>	seedlings	70	1.0
Saskatoon	<i>Amelanchier alnifolia</i>	seedlings	95	1.0

3 Project Implementation Considerations

3.1 Permit Requirements

The Railway Shelterbelt has the following companies that have infrastructure close to the project area:

- Canadian National Railway (CN),
- Fortis Alberta,
- Atco Gas and
- TELUS.

The schoolyard and cultural planting area do not require permits.

CN Railway requires that there is a 30 m buffer of the railway. The railway shelterbelt design maintains this 30 m buffer to comply with CN's requirements.

Fortis and Atco Gas have agreements in place. See Appendix 3 for copies of the Third Party Agreements.

The highlights of the Fortis Alberta Agreement include:

- a minimum of 72 hours (excluding Saturdays, Sundays and Statutory Holidays) before commencement of Grantee's Work within 30 metres of the Crossing Area;
- 310-WIRE must be contacted a minimum of 72 hours prior to the commencement of any work to arrange for an onsite safety orientation;
- markers are installed and maintained indicating the location of Grantor's Facility in the Crossing Area during performance of the Work;
- Grantee shall maintain the Crossing Area in good order and condition and carry out expeditiously all Work; and
- Proximity to O/H Powerline with Tree Planting area will reference the requirements mentioned in the Fortis Alberta Brushing hand out for setback requirements.

The plan does not have any trees prescribed to be planted closer than 6 meters to the overhead powerlines.

The highlights of the ATCO Gas Agreement includes:

- No vehicles, equipment or materials will be parked, operated or stored over Grantor's right(s)-of-way.
- If crossing the pipeline, it is required with heavy equipment (over 10,000 lbs) the Grantee MUST contact Grantor's representative to ensure the line(s) are not compromised.
- Rig mats are to be installed 5 metres on either side of the pipeline locate marks at the desired vehicle crossing location. All vehicle traffic shall use the rig mats when crossing the pipeline(s) at all times.
- Contact Grantor's representative to inspect mat set-up prior to use and if any amendments are required to the crossing agreement.
- No trees shall be planted in the right(s)-of-way (row) or within 3m in lieu of a row.

TELUS has been sent a notification of work occurring within proximity to their underground infrastructure.

3.2 Resource List

See Appendix 3Appendix 4 for resource list. This includes the resources required to complete the monitoring work in subsequent years.

4 Project Monitoring

A project specific monitoring plan will follow the *Project Forest Monitoring Assessment Standards*. Annual site assessments will be conducted to monitor the project. Once the targets of the monitoring survey meet the criteria of the *Project Forest Monitoring Assessment Standards*, it will be deemed that the site is on trajectory to become a mature site. Currently, the expectation is to have the Final Assessment completed by the fall of 2029. The site will be monitored for up to six years. Project Forest will release the site once all criteria outlined in the monitoring plan have been fulfilled, or after the sixth year, whichever is first.

The caliper trees will receive a tree health assessment. The seedlings will have plots located in the identified locations identified in Appendix 5.

5 Maintenance

The caliper spruces trees will be watered at least once a week the first growing season if there is not enough precipitation.

Maintenance recommendations for seedlings will be based on the latest monitoring assessment.

Recommendations may include vegetation management and will be discussed with the Paul First Nation and the School. Once the Final Monitoring Assessment has been completed, the site will no longer require maintenance.

6 Deliverables and Timeline

Table 6. Project deliverables and timelines

Deliverable	Description	Timelines
Planning	- General consultation, client meetings. - Completion of Re-Wilding Plan. - Finalization of Monitoring Plan. - General project management.	October 2023
Project Tree and Seedling Ordered	- Caliper Colorado Blue spruce: 40 trees - Blue spruce: 190 seedlings - Golden Willow: 95 seedlings - Acute Willow: 95 seedlings - Saskatoon: 95 - Raspberry: 70 - Fertilizer Packs: 545	Deliver Spring 2024
Site Prep	- Garbage removal - Mowing site - Tilling soil - Placing wood mulch	Garbage Removal: Fall 2023 Remainder: Spring 2024
Planting Caliper Trees	All Caliper trees	Spring 2024
Planting Seedlings	All seedlings	Spring 2024
Monitoring Program	The site will be monitored based on the monitoring protocols	Start: Fall 2024
Final Monitoring Assessment	Complete final assessment to confirm observations that the site is on a trajectory to becoming a mature site.	no later than fall 2029

7 Safety

Project Forest expects a high degree of safety from all contractors and people on site. Therefore, Project Forest requires a site-specific safety plan from the main contractor or supervisor on site. This plan needs to include:

- First aid requirements,
- Emergency response plan,
- Safe work permits (if applicable),
- Verification of safety tickets,
- Site orientation,
- Daily tailgates,
- Ongoing Hazard and Risk Assessments, and
- A copy of the contractors Health and Safety Plan

Additionally, Project Forest Contractors will follow their respective health and safety plans as well as Alberta OH&S procedures and guidelines. If there are any conflicts with safety plans or policies, the most stringent plan will take precedence. Any injury, damage or other adverse event must be reported to Project Forest immediately.

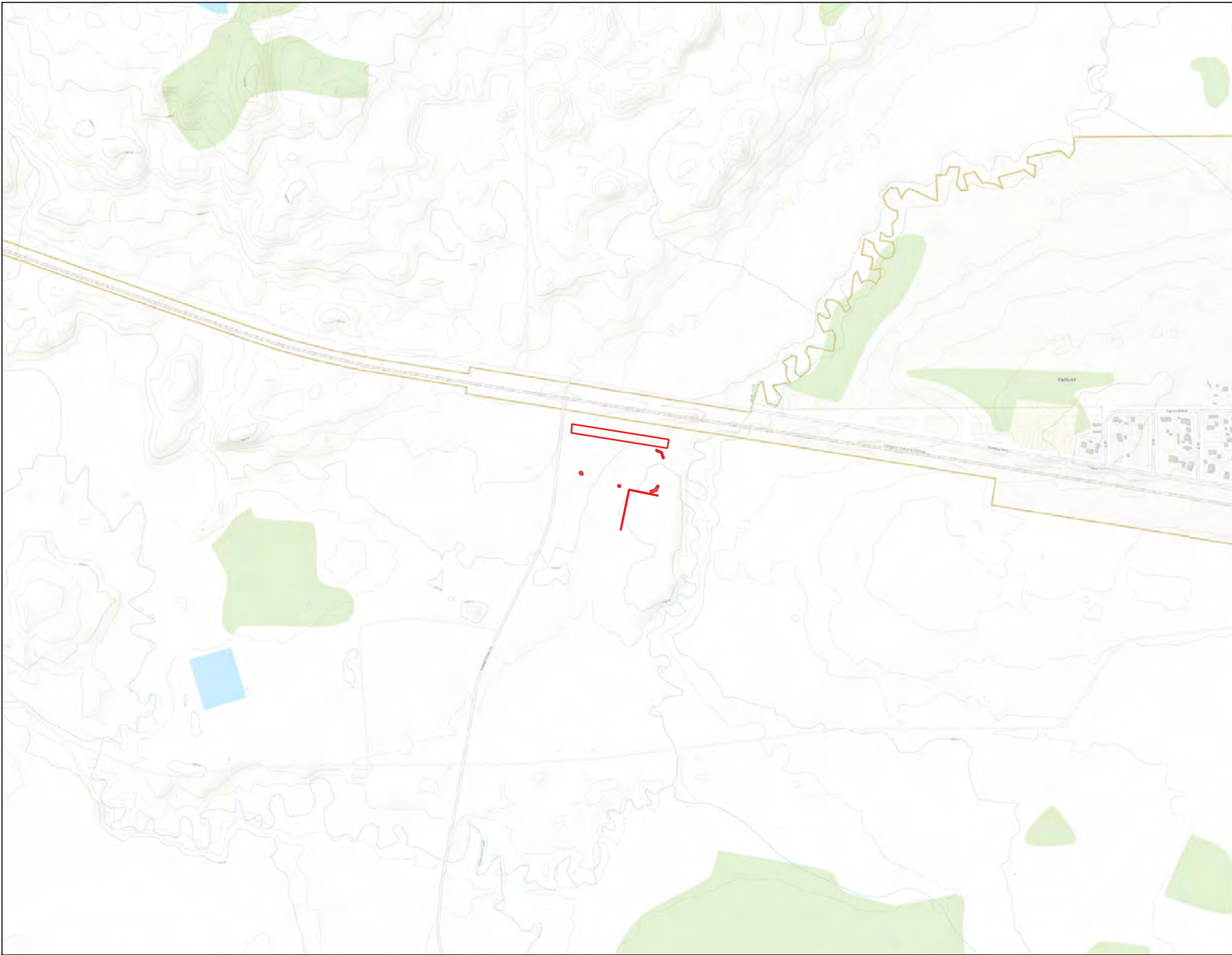
Additional safety awareness will be brought to the electrical facilities (overhead powerlines) and that workers on site are fully aware of safe working practices applicable to such facilities, including without limitation the applicable provisions of the Safety Codes Act (Alberta) and the regulations thereunder, as amended or replaced from time to time. The contractors shall ensure the current Canadian Standards Association (CSA) Overhead Systems Code and AEUC vertical clearance apply as well as the contractors standards.

The contractor is responsible for developing and carrying out a safe work plan with respect to any hazards associated with the electrical facilities. The Grantee should identify hazards, analyze the risks, assess options and control the risks as per a safe work plan.

The contractor will contact 310-WIRE (9473) to make arrangements for a FortisAlberta field representative to be on-site during construction. At least 72 hours' notice is required. The Grantee shall perform all line clearance checks in compliance with the AEUC and shall be responsible for ensuring that all such clearance measurements are conducted by qualified personnel.

All underground facilities must be located and worked using Alberta One Call.

Appendix 1 Overview Map



**Paul First Nation School
Shelterbelt
Overview Map**

Project Partners:

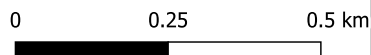


Legend:

 Planting_Areas



Date Created: 2023-10-04
Project CRS: EPSG:3400
Source: ESRI World Topo
Created By: Tree Time Services Inc.
Scale:1:8,000



Appendix 2 Site Prescription Map



Paul First Nation School Shelterbelt Prescription Map

Project Partners:



Project
Forest



Legend:

- Railway Shelterbelt Area
- Railway Shelterbelt - Conifers
 - Blue Spruce - Caliper Trees
 - Blue Spruce - Seedlings
- Railwa Shelterbelt - Willows
 - Acute Willow
 - Golden Willow
- Schoolyard Trees
 - Blue Spruce - Caliper Trees
- Cultural Plants - Berry Shrubs
 - Saskatoon
 - Raspberry
- Buried ATCO Gas line
- CN Railway Buffer

Date Created: 2023-10-04
Project CRS: EPSG:3400
Source: Google Satellite
Created By: Tree Time Services Inc.
Scale:1:1,000

0 20 40 60 m



Appendix 3 Third Party Agreements



Facility Crossing Agreement

THIS AGREEMENT is made and effective as of the 11 day of September, 2023.

Between

FortisAlberta Inc. ("Grantor")

(hereinafter and in Schedules "A", "B", & "C" referred to as the Grantor)

and

Tree time Services Inc. ("Grantee")

(hereinafter and in Schedules "A", "B", & "C" referred to as the Grantee)

WHEREAS Grantor operates under the jurisdiction of the Alberta Utilities Commission, and holds one or more rights-of-way for Power Transmission and Distribution facilities across the said lands and has constructed Power Transmission and Distribution facilities therein, hereinafter referred to as "Grantor's Facility"; and

WHEREAS Grantee operates under the jurisdiction of the Planting of trees on the Wabamun Indian Reserve (Paul First Nations), and has acquired one or more rights-of-way across the said lands and proposes to install therein as stated on Schedule B hereinafter referred to as "Grantee's Facility"; and

WHEREAS the rights-of-way and/or Facilities of the respective parties intersect in the Crossing Area; and

WHEREAS the parties wish to define their respective rights and liabilities with respect to the Crossing Area under certain terms and conditions defined in Schedule "A".

NOW THEREFORE THIS AGREEMENT WITNESSES that in consideration of the premises, and the mutual covenants and agreements herein contained, the parties agree that their respective Work in the Crossing Area shall be governed by the Agreement together with the Schedules as herein described.

1. TERMS AND CONDITIONS, SCHEDULES

This Agreement including the recitals and the following Schedules, which are attached hereto and made part hereof, shall be the terms and conditions as agreed to by Grantor and Grantee:

Schedule "A" - Mutually Agreed to Terms and Conditions

Schedule "B" - Location Plan and Profile

Schedule "C" - Specific Terms and Conditions

(the "Schedules")

2. LOCATION AND NOTICES

(a) Location of Crossing Area (Legal Description):

The Grantee shall provide plans to the Grantor outlining the proposed crossing locations for each project. The plans, when approved, shall become part of Schedule "B" of this Master Agreement.

(b) Notices:

Grantor's Corporate Office

Name: FortisAlberta Inc.
Address: 320-17th Avenue S.W.
Calgary, Alberta
T2S 2V1

Grantee's Corporate Office (Full Legal Name)

Tree time Services Inc.
3464 78 Ave NW
Edmonton, Alberta
T6B 2X9

Mail or Fax Application to

Dept.: Land Services

Contact: (403) 514-4119

Fax No.: (403) 514-4411

Email: landserv@fortisalberta.com

Grantor's

Grantee's

Notice re Commencement of Construction:
NOT REQUIRED

Field

Emergencies:

310-WIRE (9473)

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be duly executed.

FortisAlberta Inc.
("Grantor")

Per: Erin Aldcroft

Per: _____

Tree time Services Inc.
("Grantee")

Per: Angela Mackinnon
Angela Mackinnon

Per: _____

SCHEDULE "A"

Mutually Agreed to Terms and Conditions

This Schedule "A" to Form Part of the Facility Crossing Agreement.

Between

FortisAlberta Inc. (Grantor)

and

Tree time Services Inc. (Grantee)

and dated the 11 day of September, 2023

1. Interpretation

1.01 In this Agreement, including the recitals, the words and terms used shall have the following meanings:

- (a) "Crossing Area" means the area of intersection of Grantor's and Grantee's rights-of-way and/or Facilities outlined in red on Schedule "B";
- (b) "Grantee's Facility" means the facility or facilities to be constructed by Grantee and to be located within, across, along, upon, over or under the Crossing Area;
- (c) "Grantor's Facility" means the facility or facilities of Grantor located within, across, along, upon, over or under the Crossing Area;
- (d) "Facility" means:
 - i) any structure that is constructed or placed on or in the right-of-way within the Crossing Area (concrete slab, concrete conduit, retaining wall, special fences such as chain link, etc.); and
 - ii) any highway, public or private road, railway, irrigation ditch, drain, drainage system, sewer, dike, cable line, telecommunication line, telephone line or line for the transmission of hydrocarbons, power or any other substance that is or is to be carried across, along, upon, over or under the Crossing Area;
- (e) "said lands", means the lands described in Schedule "B";
- (f) "the Body of this Agreement" means the Agreement to which this Schedule is attached and which has been executed by the parties;
- (g) "this Agreement" means the Body of this Agreement and the Schedules attached to it; and

- (h) "Work" means, with respect to a Facility, the carrying, laying, installing, constructing, maintaining, operating, repairing, inspecting, replacing, altering, removing, abandoning *and such* other operations as may be required from time to time.

1.02 Unless a term or provision contained in the Body of this Agreement, if acted upon, would result in violation of any code, statute, law, regulation, permit, license, or governmental order, the following shall apply:

- (a) if any term or provision conflicts with terms or provisions contained in any Schedule, the term or provision in the Schedule shall prevail.
- (b) if any terms or provisions of the Schedules conflict, the following shall apply: Schedule "C", if present, shall prevail over Schedules "A" and "B", Schedule "B" shall prevail over Schedule "A".

2. Consent

Grantor hereby agrees, insofar as it has the right to do so, that the Grantee may perform the Work on Grantee's Facility in the Crossing Area in accordance with the terms and conditions of this Agreement.

3. Compliance with Statutes and Regulations

Grantee shall at all times comply with any and all applicable codes, statutes, laws, regulations, permits, licenses, orders and directions of any governmental authority from time to time in force. The minimum applicable technical standards therein shall apply to both parties unless more stringent standards are provided for in this Agreement. If compliance with any provision of this Agreement would result in violation of any applicable codes, statutes, laws, regulations, permits, licenses, orders and directions of any governmental authority, such code, statute, law, regulation, permit, license, order and direction of any governmental authority shall prevail and this Agreement shall be deemed to be amended accordingly.

4. Position of Facility

Unless otherwise indicated in any of the Schedules, or ordered by governmental authority or regulations:

- (a) Grantor's Facility shall be entitled to the upper position in the Crossing Area except for above grade facilities;
- (b) a minimum distance of 30 centimetres shall be maintained between the external surfaces of the underground Facilities; and
- (c) Grantee's Facility shall be maintained at the same depth with no side bends for the entire width of the Crossing Area.

5. Conditions

When Grantee performs work on Grantee's Facility in the Crossing Area, the following terms and conditions shall apply:

- (a) Grantee's Field Representative shall contact Grantor's Field Representative directly, either in person or by telephone, a minimum of 72 hours (excluding Saturdays, Sundays and Statutory Holidays) before commencement of Grantee's Work within 30 metres of the Crossing Area and, if unable to contact that person, Grantee shall serve a minimum of 72 hours written notice pursuant to Clause 8 hereof before commencement of Grantee's Work.
- (b) Grantor has the right to have a representative present to inspect the Work of Grantee in the Crossing Area.
- (c) during installation pursuant to this Agreement, Grantee shall have available at the Crossing Area a copy of this Agreement.
- (d) before proceeding to excavate within 5 metres of the Crossing Area, Grantee shall fully expose Grantor's Facility by hand digging. Grantee shall not use or permit the use of an excavating machine within 1.5 metres of either side of any existing Grantor's Facility unless otherwise agreed to in Schedule 'C',
- (e) Grantee shall, where applicable, install and maintain during performance of the Work, suitable markers indicating the location of Grantor's Facility in the Crossing Area.
- (f) Grantee shall lay down and construct its Facility in accordance with the Schedules to this Agreement.
- (g) Grantee shall carry out all Work in the Crossing Area in a proper and diligent manner and in accordance with good engineering and construction practices.
- (h) the party performing the Work shall ensure no damage occurs to existing Facilities while the Work is being performed in the Crossing Area including damage, which may result from the use of heavy work equipment outside the Crossing Area while performing the Work in the Crossing Area.
- (i) where necessary, Grantee shall support Grantor's Facility as required, or directed by Grantor, while any Work is being carried out hereunder.
- (j) in the event that Grantor's Facility suffers contact damage or other damage as a result of Grantee's Work, Grantor shall be notified forthwith and its repair shall be carried out as directed by Grantor at Grantee's cost.
- (k) where cathodic protection is required by Grantor as a result of Grantee's installation, Grantee at its cost shall, at the time of the construction of its Facility, install *and* thereafter maintain a cathodic protection testing station for Grantor's Facility at the crossing in accordance with the attached Schedule "C" or as directed by Grantor's representative.

- (l) at least 24 hours (excluding Saturdays, Sundays and Statutory Holidays) prior to covering Grantor's exposed Facility, Grantee's Field Representative shall contact Grantor's Field Representative directly, either in person or by telephone for inspection.
- (m) Grantee shall, where applicable, install and maintain suitable buried markers indicating the location of Grantee's Facility in the Crossing Area.
- (n) unless otherwise directed by the Grantor, the Grantee shall cover Grantor's Facility with at least 30 centimeters of select backfill material prior to commencing backfilling operations. Grantee shall, in backfilling the excavation in the Crossing Area, compact the fill material in 15 centimeter layers, or such greater depth specified by Grantor's Field Representative.
- (o) Grantee shall, soon as it is reasonably practical after the completion of Grantee's Work in the Crossing Area, restore the surface of the Crossing Area as closely as is practical to the condition in which it existed immediately prior to the Work being commenced.
- (p) Grantee shall maintain the Crossing Area in good order and condition and carry out expeditiously all Work hereunder.
- (q) except as otherwise provided herein, the cost of Work with respect to each party's Facilities within the Crossing Area undertaken by either party shall be borne by the party requiring such Work.
- (r) the cost associated with the location, identification or supervision shall not be charged to or borne by the other party unless specified in Schedule "C".
- (s) Grantee shall be liable for and shall pay all taxes, rates and assessments of every description whatsoever that may be imposed by any lawful authority by reason of the presence of Grantee's Facility in the Crossing Area, or by reason of this Agreement or of anything done by Grantee pursuant to this Agreement. In addition, Grantee shall indemnify Grantor from and against all such taxes, rates and assessments.

6. Remedy on Default

In the case of default by Grantee in carrying out any of the provisions of this Agreement, Grantor may give notice thereof to Grantee. If Grantee fails to commence to remedy such default within 15 days after receipt of such notice and diligently complete such remedy thereafter, Grantor may take such steps as are appropriate to remedy such default and Grantee shall be liable for and shall pay all reasonable costs and expenses incurred by Grantor in remedying the default.

7. Further Work

- (a) If, subsequent to the initial Work undertaken by Grantee for its Facility, either Grantor or Grantee desires to undertake any Work in the Crossing Area in respect of its Facility, this Agreement shall be deemed to grant consent to that party, and the provisions of this Agreement shall apply mutatis mutandis to all subsequent Work undertaken by either party under this Clause 7; and, for further certainty, the provisions of this Agreement shall be read

as if "Grantee" were substituted for "Grantor" and vice versa as the situation requires.

- (b) Notwithstanding the foregoing, installation of any Facility other than those shown on attached Schedule "B" shall require a separate Facility Crossing Agreement.
- (c) Notwithstanding the foregoing, if emergency Work in the Crossing Area is required with respect to a party's Facility, that party shall commence the necessary Work and shall forthwith give the other party's Field Representative verbal notice of the emergency and necessary Work, and shall forthwith give notice pursuant to Clause 8 hereof.

8. Notices

Notices shall be in writing and shall be sent to the parties at the addresses for notice shown in the Body of this Agreement. The following shall govern notices:

- (a) either party may from time to time change its address for service by giving notice to the other party.
- (b) all notices required to be given hereunder may be delivered by hand, mailed by registered or prepaid mail, or sent by telecommunication. If mailed, the notice shall be deemed to have been received seven days (Saturdays Sundays and Statutory Holidays excluded) after the mailing thereof. If delivered by hand, the notice shall be deemed to have been received on the day on which it was delivered, or if delivered after regular business hours, it shall be deemed to have been received on the following business day. If sent by telecommunication, the notice shall be deemed to have been received on the first business day following the day it was dispatched.
- (c) No notice shall be effective if mailed during any period in which Canadian postal workers are on strike or if a strike of postal workers is imminent and may be anticipated to affect normal delivery thereof.
- (d) Notwithstanding the foregoing, to the extent described in this Agreement, Grantor's and Grantee's Field Representatives or designated alternates shall have the right and authority to make, give, receive any notice, information, direction or decision required in conducting Work hereunder.

9. Liability and Indemnity

(a) Liability:

- (i) Grantee shall be liable to Grantor for all loss, damages and expenses which Grantor may suffer, sustain, pay or incur by reason of any matter or thing arising out of or attributable to, any act or omission of Grantee, its servants, agents, contractors or employees in respect of Grantee's use of the Crossing Area or by reason of this Agreement.

- (ii) Grantor shall be liable to Grantee for all loss, damages, and expenses which Grantee may suffer, sustain, pay or incur by reason of any matter or thing arising out of or attributable to any act or omission by Grantor, its servants, agents, contractors or employees in respect of Grantor's use of the Crossing Area or by reason of this Agreement.

(b) Indemnity:

- (i) Grantee shall indemnify and save harmless the Grantor against all actions, proceedings, claims, demands, and costs which may be brought against or suffered by Grantor or which it may sustain, pay or incur, by reason of any matter or thing arising out of or attributable to any act or omission of Grantee, its servants, agents, contractors or employees in respect of Grantee's use of the Crossing Area or by reason of this Agreement.
- (ii) Grantor shall indemnify and save harmless the Grantee against all actions, proceedings, claims, demands, and costs which may be brought against or suffered by Grantee or which it may sustain, pay or incur, by reason of any matter or thing arising out of or attributable to any act or omission of Grantor, its servants, agents, contractors or employees in respect of Grantor's use of the Crossing Area or by reason of this Agreement.

10. Insurance

- (a) Without in any way limiting the liability of either party under this Agreement, each party shall obtain and keep in force during the term of this Agreement comprehensive general liability insurance covering liability for bodily injury and property damage arising from Work contemplated by this Agreement. The limit of this insurance shall not be less than five million dollars, inclusive, for any one occurrence unless otherwise agreed by the parties in writing. This policy shall provide coverage for liability assumed under this Agreement.
- (b) A party, upon request of the other party, shall furnish written documentation, satisfactory to the requesting party, evidencing the required coverage.
- (c) As an alternative to the five million dollar policy of comprehensive general liability insurance referred to in Subclause 10(a), if acceptable to the other party, a party may self-insure against the risks normally covered by such a policy.

11. Changes to Agreement

No change, modification or alteration of this Agreement shall be valid unless it is in writing and signed by the parties hereto, and no course of dealing between the parties shall be construed to alter the terms hereof.

12. Assignment

- (a) Neither party to this Agreement shall assign or transfer this Agreement or the rights and privileges hereby granted without the written consent of the other party, and such consent shall not be unreasonably withheld. The party intending to assign or transfer this Agreement shall give to the non assigning party to this Agreement notice of its intent by registered mail.
- (b) The non-assigning party to this Agreement may require the assignor and assignee to execute a novation agreement in a form acceptable to the on-assigning party.

This Agreement shall enure to the benefit of and be binding upon the parties, their successors and assigns.

13. Governing Law

This Agreement and the rights and obligations of the parties herein shall be governed and construed according to the laws of the province in which the Work is to occur.

14. Term

The rights and obligations of the parties under this Agreement shall terminate:

- (a) two years from the date hereof if construction of Grantee's Facility has not commenced, or
- (b) upon proper abandonment or removal of all of Grantor's or Grantee's Facilities from the Crossing Area and the completion of any reclamation Work required by applicable laws, except for those rights acquired and obligations incurred prior to such events.

15. Miscellaneous

- (a) In this Agreement, words importing the singular include the plural and vice versa; words importing the masculine gender include the feminine and vice versa; and words importing persons include firms or corporations and vice versa.
- (b) Words such as "hereto", "thereto", "hereof", and "herein", when used in this Agreement, shall be construed to refer to provisions of this Agreement.
- (c) The headings of all clauses of this Agreement, and the Schedules, are inserted for convenience of reference only and shall not affect the meaning or construction thereof.
- (d) Time is of the essence of this Agreement.
- (e) No waiver of any breach of a covenant or provision of this Agreement shall take effect or be binding upon a party unless it is expressed in writing. A waiver by a party of any breach shall not limit or affect that party's rights with respect to any other or future breach.

16. Entire Agreement

This Agreement, including the recitals and schedules, sets forth the entire agreement between the parties hereto and shall be deemed to have superseded any and all previous agreements and understandings, whether written or oral, between the parties dealing with the Facilities and the Crossing Area, and all rights and obligations as herein described

Facility Crossing Agreement

To Location Plan and Profile

This Schedule B to form part of the Master Facility Crossing Agreement

Dated September 11, 2023

Between

FortisAlberta Inc. as Grantor

and

Tree time Services Inc. as Grantee

Consent to:

Proximity to O/H Powerline with Tree Planting area

*****Grantee must refer to FortisAlberta Brushing hand out for setback requirements*****

*****Grantee must contact 310-WIRE a minimum of 72 hours prior to the commencement of any work to arrange for an onsite safety orientation*****

*****Grantee must not plan any trees closer than 6 meters but must refer to handout attached for specific tree separation*****

Lands NW 27-52-03-W5

FortisAlberta File # 320133942

File # 16466

DATE: September 11, 2023

See Attached Survey Plans and Schedule

RE: 320133942

This Schedule “C” to form part of the Master Facility Crossing Agreement

Dated September 11, 2023

Between

FortisAlberta Inc. (Grantor)

and

Tree time Services Inc. (Grantee)

SAFETY

1. The Grantee shall ensure that all workers performing activities in the vicinity of the Grantor's electrical facilities are fully aware of safe working practices applicable to such facilities, including without limitation the applicable provisions of the *Safety Codes Act* (Alberta) and the regulations thereunder, as amended or replaced from time to time.
2. The Grantee is responsible for developing and carrying out a safe work plan with respect to any hazards associated with the electrical facilities. The Grantee should identify hazards, analyze the risks, assess options and control the risks as per a safe work plan.
3. Contact 310-WIRE (9473) to make arrangements for a FortisAlberta field representative to be on-site during construction. At least 72 hours' notice is required.

GENERAL

1. The Grantee is responsible for obtaining the appropriate rights and consent from landowners. In no way does this Master Facility Crossing Agreement allow the Grantee access to the mentioned land(s) without first obtaining permission.
2. This Master Facility Crossing Agreement and approvals granted hereunder apply only with respect to the Grantor's underground and above ground facilities.
3. The Grantee shall reimburse the Grantor for any additional costs incurred by the Grantor in operating, maintaining, repairing, replacing, modifying or removing the Grantor's Facilities where such costs directly result from the installation and presence in the Crossing Area of the Grantee's Facility pursuant to this Agreement.
4. Nothing in this Agreement shall abrogate, alter or diminish the statutory liability protection granted to the Grantor (FortisAlberta Inc.) under the *Electric Utilities Act* (Alberta) and the Liability Protection Regulations (Alberta)
5. Consequential Damages - Notwithstanding any other provision of this Agreement, neither party shall be liable, whether in contract, tort, or otherwise, for consequential or indirect loss, or any loss of revenue, earnings, profits or economic loss whatsoever, arising out of this Agreement.
6. The Grantor requires unobstructed access to its facilities along the right-of-way at all times.

7. These Terms and Conditions are in addition to any other statutory requirements imposed on the Grantee with respect to construction and operation of the Grantee's Facility in the vicinity of the Grantor's Facilities. Compliance with these Terms and Conditions does not relieve the Grantee of its obligation to become aware of, and to ensure compliance with, all other applicable statutory requirements, including those contained in the Alberta Electrical and Utility Code ("AEUC") pursuant to the *Safety Codes Act* (Alberta), as amended or replaced from time to time.
8. The Grantee shall perform all line clearance checks in compliance with the AEUC and shall be responsible for ensuring that all such clearance measurements are conducted by qualified personnel.
9. The Grantee shall notify the Grantor at time of application if the clearance measurements indicate that modifications to the Grantor's Facilities are necessary for compliance with the clearance requirements set forth in the AEUC.
10. Notwithstanding Sections 6 and 14 of Schedule A, in the event that the Grantee fails to remedy any default within 15 days as provided for in Section 6 of Schedule "A" the Grantor may, in its sole and absolute discretion, terminate the Agreement upon giving a 15 days' notice in writing to the Grantee.
11. This Agreement shall terminate 2 years from the date of this agreement if construction of the Grantee's Facility has not commenced or written notice of cancellation is provided to the Grantor.
12. This Agreement shall be governed by, subject to and interpreted in accordance with the laws of the Province of Alberta and the Federal laws of the Province of Alberta and Federal laws of Canada, applicable therein.

GRANTOR'S ABOVE GROUND FACILITIES

1. All pipelines including water and sanitary lines must be installed a minimum horizontal distance of 8 metres from Grantor's above ground facilities, including any poles, tower bases, anchors and guy wires.
2. No ground disturbance shall occur within a minimum distance of 8 metres of the Grantor's above facilities, including any poles, tower bases, anchors and guy wires.
3. Equipment may not exceed 4.15 metres over right of way for underground pipelines unless a clearance report is completed.
4. A minimum safe limit of approach must be maintained between any workers or equipment and any overhead power lines as required in the AEUC.
5. If the Grantee's Facility includes an oil or gas well bore, the minimum horizontal clearance between the well bore and any overhead power line shall be as required in the AEUC.
6. For geophysical operations a minimum separation of 50 metres must be maintained between all Grantor's power lines and any soil disturbances.
7. The pipeline must be set to a depth to permit the Grantor's equipment (maximum 50 tons) to drive over the pipeline without any additional protection.
8. If the Grantee intends to aerial patrol their right-of-way, aircraft warning markers shall be installed and maintained by the Grantor at the request and expense of the Grantee.
9. The Grantee is responsible for determining and mitigating any induction problems associated with the proposed facilities.

10. The line insulators or electrical equipment must not be exposed to salt water, conductive spray or any other contaminant at any time.
11. The Grantee shall maintain existing (pre-construction) grade under the Grantor's Facilities.
12. The separation between an access road to a pole or guy wire/anchor must be a minimum of 3 meters from the shoulder of the driving surface.
13. Where paralleling a power line with underground power, fiber optic cables and communication cables maintain a minimum separation of 3 metres between any soil disturbance and Grantor's alignment and any of the Grantor's distribution facilities, including any poles, underground wires, cables. For crossings under Grantor's alignment, maintain a separation of 8 metres from any pole to avoid grounding electrodes.
14. A hazardous location adjacent to a power line must maintain a minimum horizontal clearance from the power line equal to the height of the supporting power line structures as required in the AEUC. Hazardous locations as defined in the Code for Electrical Installations at Oil and Gas Facilities and the Canadian Electrical Code.

GRANTOR'S UNDERGROUND FACILITIES

1. All underground facilities must be located and worked using Alberta One Call.
2. The minimum separation between underground power cables and pipelines shall be 1 metre in all directions.
3. The minimum separation between underground power cables and fiber optic lines shall be 1 metre horizontal and 0.3 metre in the vertical plane or mechanical protection approved by grantor shall be installed where 1 metre cannot be maintained.
4. Any excavation work within 1 metre of an underground power cable shall be done by hand digging or hydrovac under the supervision of the Grantor's field representative.
5. If the underground power cable has been de-energized and grounded, other excavation methods may be used subject to the approval of the Grantor.
6. The Grantee shall not reduce the depth of the soil covering the Grantor's Facilities.
7. The Grantee shall maintain existing (pre-construction) grade over the Grantor's Facilities.
8. If hydrovac excavation is to be used within 1 metre of Grantor's underground Facilities. Grantee must contact 310-WIRE (9473) to make arrangements for onsite supervision. Also qualified and pre-approved hydrovac personnel must be used. Contact FortisAlberta at 310-WIRE (9473) for a list of qualified contractors.
9. If the ground is unstable or soft while crossing over underground cables with vehicles and heavy equipment, rig mats must be used. Please contact 310-WIRE (9473) 72 hours' prior to any crossing to coordinate with Grantor's field representative.

POWER LINE CROSSING REQUEST

1. The grantee shall ensure the current Canadian Standards Association (CSA) Overhead Systems Code and AEUC vertical clearance apply as well as the Grantors standards, in the event the Grantee's conductor is crossing the Grantor's conductor.
2. The Grantor's power poles will be minimum height of 40 feet (12.2 m)

3. Contact 310-WIRE (9473) to coordinate any outages with the Grantor's Planning Department.
4. If any attachments of equipment or relocation of the Grantor's facilities are required, contact the Maintenance Department at 310-WIRE (9473). Provide a detailed design and coordinate any salvage and construction prior to energization of the new power line.
5. If any of the Grantor's power poles are within 30 metres of the centerline of any new AC 500 KV transmission power line, contact the Grantor's Maintenance Planning Department at 310-WIRE (9473) to bond hardware to the power poles or relocate facilities if required prior to the energization of the AC 500 KV transmission power line.

Reviewed and Approved by

Angela Mackinnon
[Name]

Indigenous Engagement Manager
[Position] on behalf of

Tree time Services Inc.

09/19/23
[Date]

Amackinnon
[Signature]



232, 2833 Broadmoor Blvd.
Sherwood Park, AB, T8H 2H3
Tel: 780-464-7990 Fax: 780-464-7939
info@hurland.ca www.hurland.com

September 6, 2023

VIA ONLINE SUBMISSION

FORTIS ALBERTA INC.

15 Kingsview Rd. SE
Airdrie, Alberta
T4A 0A8

Attention: Land Department

**RE: TREE TIME SERVICES INC.
PAUL FIRST NATION SHELTERBELT
NW 27-52-3 W5M
HURLAND FILE: 16466 / TT FILE: Unavailable**

On behalf of our client, we wish to acquire your written consent(s) as noted below.

Tree Time Services is planting a tree shelterbelt to the North of the Paul First Nation School as shown on the attached plan. The tree planting area will be within proximity to the Fortis overhead powerline, as shown on the attached plan.

We are requesting the following:

Details	3 rd Party Facility	Legal Description
Proximity $\pm 0.7\text{m}$ & $\pm 10.4\text{m}$	Overhead Power Line	NW 27-52-3 W5M

PLEASE ADDRESS THE CONSENT TO:

Tree Time Services Inc.
3464 – 78 Avenue
Edmonton, Alberta T6B 2X9

FORWARD CONSENT TO:

michelles@hurland.ca

Should you have any questions or comments, please do not hesitate to contact our office.

Yours truly,

SPUR PETROLEUM LTD.

By its Agent:

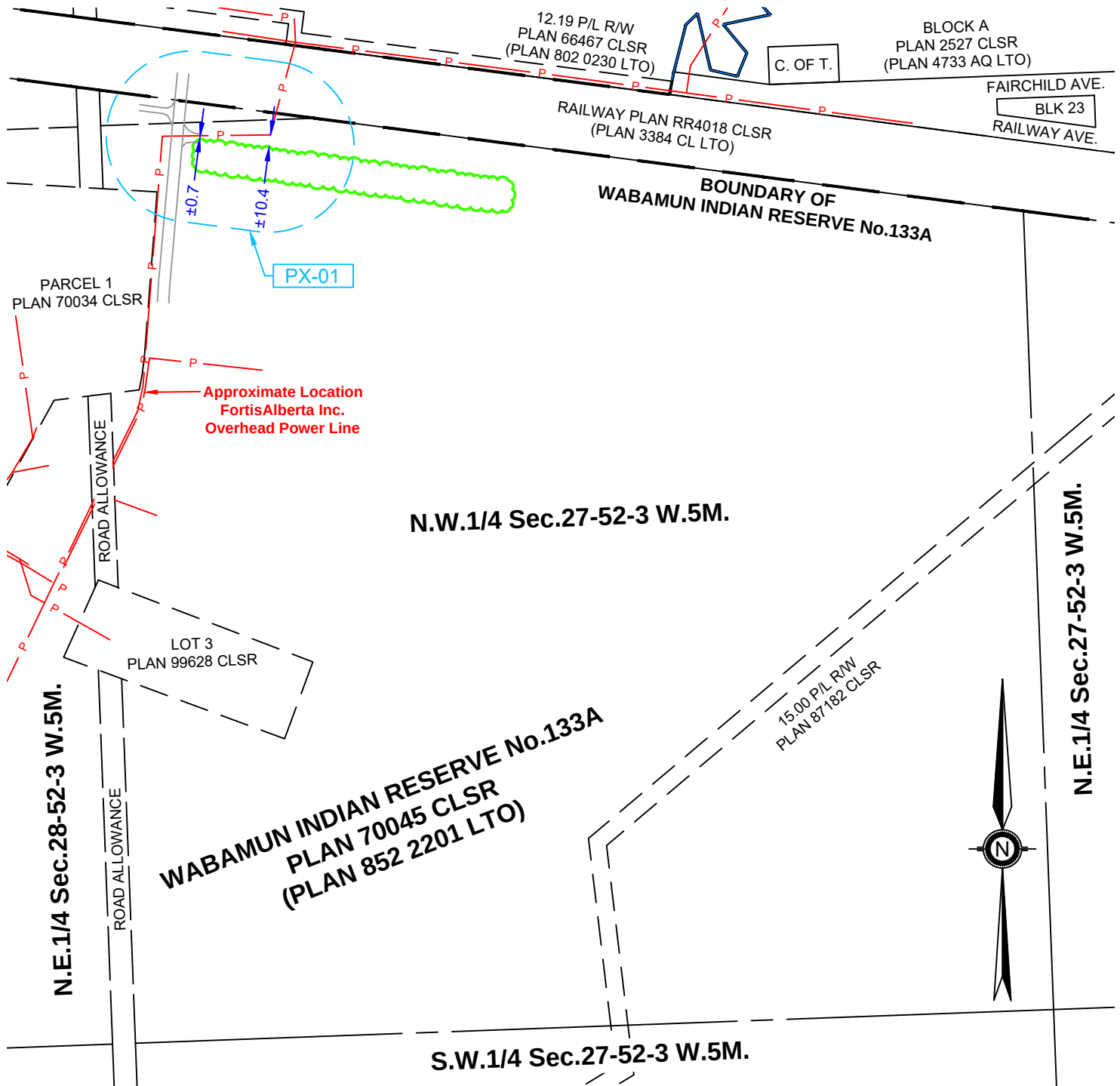
HURLAND SERVICES LTD.

Michelle Smith
Land Administrator

Enclosure(s)

cc: Angela MacKinnon – Tree Time Services Inc.

Sketch Showing
Proposed Work Area in Proximity to
FortisAlberta Inc. Overhead Power Line
within
N.W.1/4 Sec.27, Twp.52, Rge.3, W.5M.
Wabamun Indian Reserve No. 133A

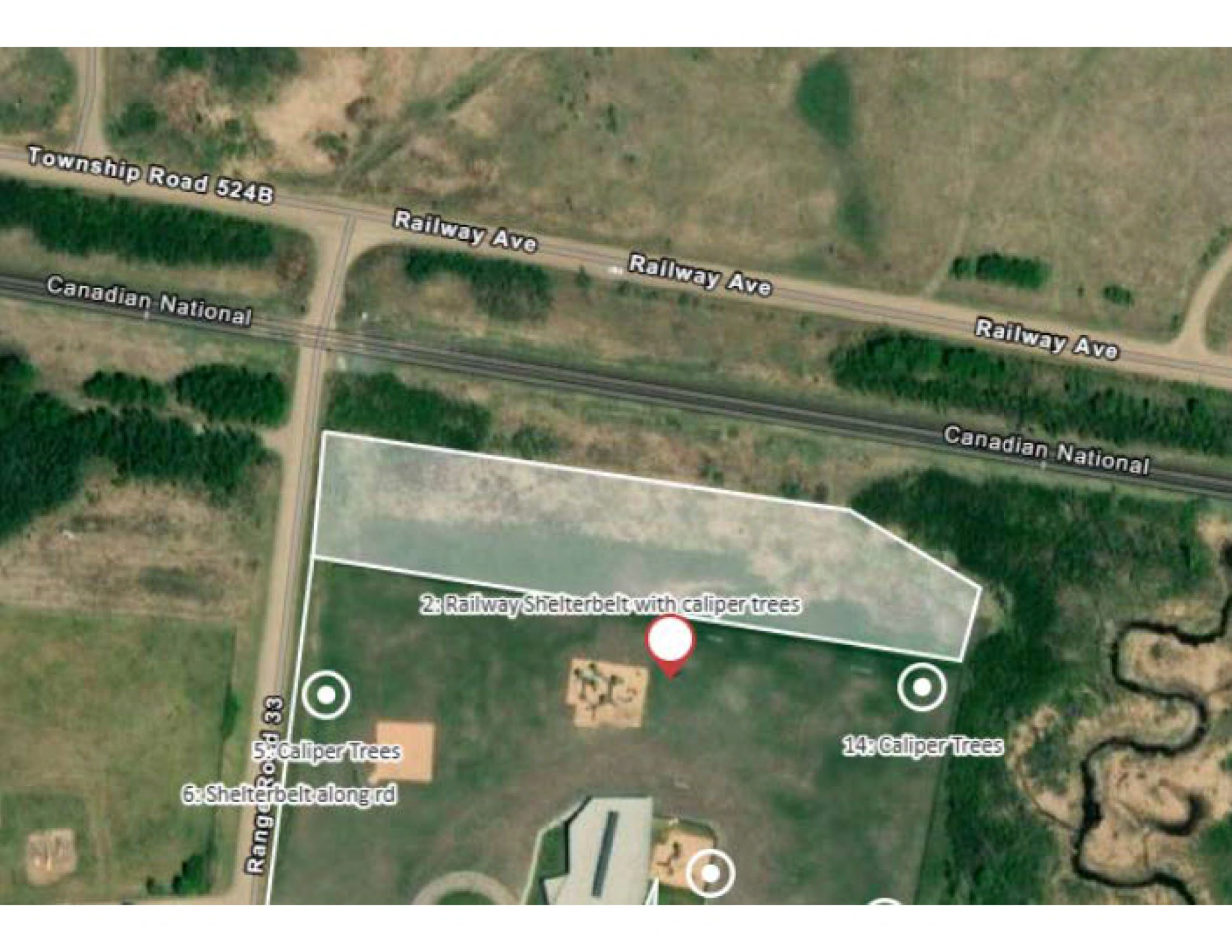


NOTES:

- Distances are in metres and decimals thereof.
- Approximate Work Area shown thus:

Certified Correct





Township Road 524B

Railway Ave

Railway Ave

Railway Ave

Canadian National

Canadian National

2: Railway Shelterbelt with caliper trees

Ranger Road 33

5: Caliper Trees

6: Shelterbelt along rd

14: Caliper Trees



Tall-growing trees that come in contact with power lines can present a safety risk to people and animals. Most of the time, it will interrupt your power. Every year trees that grow into power lines cause more than 70,000 hours of outage time – an inconvenience that can be avoided.

FortisAlberta has an extensive tree and brush clearing program which helps to avoid safety hazards associated with contacts to power lines. However, it is important that customers realize the importance of planting tall-growing trees a safe distance from electrical equipment.

It is very important that customers plant new tall-growing trees at least eight metres from power lines. Trees planted near higher voltage transmission lines require even greater clearances.

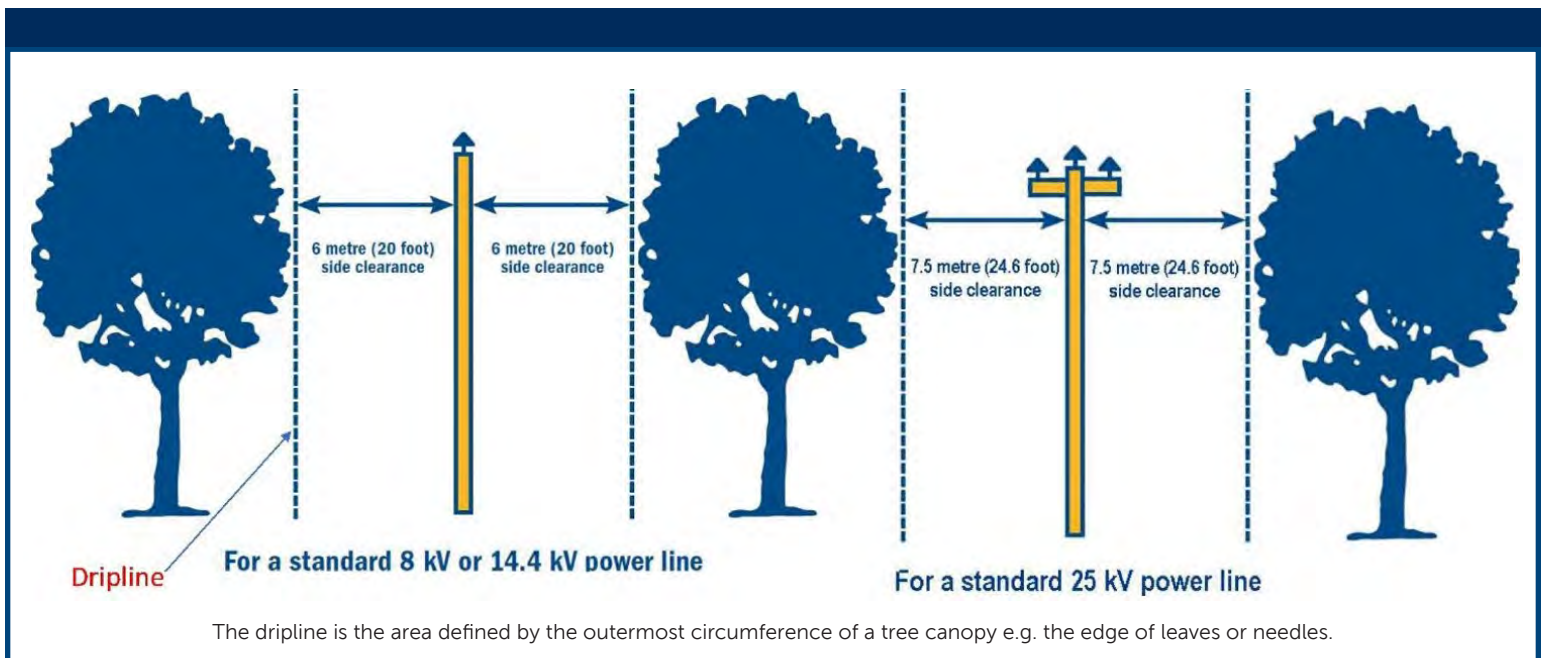
Trees are an investment and it is important that trees are safe, now and in the future. Nip tomorrow's problems in the bud by planting trees in safe locations today – and keep your investment growing.

WHERE CAN I BRUSH OR CLEAR VEGETATION?

You can only brush or clear vegetation on land that you own. You cannot complete brushing on road allowance, crown land, or your neighbour's land. In these cases, we are happy to help.

WHAT ARE MY LEGISLATIVE AND REGULATORY RESPONSIBILITIES?

A property owner is required to comply with all federal, provincial, and municipal legislation, regulations, acts, and bylaws, as applicable. These include but are not limited to Alberta's Water Act, the Alberta Historical Resources Act, Alberta Wildlife Act, and the Migratory Bird Convention Act. The customer should also minimize potential adverse effects to wildlife and habitats that may result from brushing.



WHAT IF THERE ARE POWER LINES ALREADY ON MY LAND?

If there are power lines within **seven metres (7.0m)** of the proposed vegetation removal area you will need to get an Overhead Power Line Orientation from FortisAlberta to ensure that safe limits of approach are maintained. To get this orientation, please call us at **310-WIRE (9473)**.

WHAT IS IMPORTANT TO KNOW ABOUT YOUR FINAL SITE PRESENTATION?

- FortisAlberta has the standard of cutting stumps as low and flat to the ground as possible, with stumps being no higher than ankle height (10 cm, 4 inches).
- All debris must be removed from the right-of-way. This includes branches, limbs, and firewood. Please remember that FortisAlberta and our Contractors must be able to safely access the area to install, operate and maintain the power line as required.
- Not only does the right-of-way need to be cleared of vegetation, but a path to the right-of-way will also need to be established.

WHY IS THIS IMPORTANT?

FortisAlberta implements an integrated vegetation management plan to ensure the safe and reliable operation of our power lines. By setting up the power line right-of-way to our standards, it sets us up to keep the lights on long-term and limits the need for repetitive and on-going vegetation management work.

WHAT IF MY WORK DOESN'T MEET THE STANDARDS?

If FortisAlberta must send out a local team to complete the work to our standards, you may be financially responsible, in which case we will let you know. Once payment is received, **FortisAlberta will schedule the work required and mobilize a crew.**

DO I NEED TO DO ANYTHING ONCE THE BRUSHING IS COMPLETE?

We ask you e-Mail the FortisAlberta brushing team at brushing@fortisalberta.com to let us know that the brushing is complete. We would like to add a follow up herbicide treatment as part of our Integrated Vegetation Management plan. By targeting tall growing species with herbicide, we can allow compatible vegetation to establish underneath the power line.

Kindly provide the following information when emailing your completed work:

- First and Last Name, with Contact Information (Phone Number and Email)
- Legal Land Description and Address

CAN I REPLANT VEGETATION ONCE THE POWER LINE IS BUILT?

Yes, but be mindful of the selection of vegetation planted near a power line. See the planting guide to choose compatible vegetation or plant tall growing vegetation (e.g. pine, spruce or poplar) at least 8m away from the power line. This is to ensure the safe and reliable operation of the power line. **Right Tree, Right Place.**

Hedge Material Suitable for Planting Near a Power Line:

Tree Name		Height at Maturity
Caragana**	Common	3 m (10 ft)
	Globe	1 m (3 ft)
	Pygmy	1 m (3 ft)
Cherry**	Nanking	2 m (7 ft)
Cotoneaster**	Hedge	2 m (7 ft)
Cranberry**	Nannyberry	5 m (16 ft)
	Wayfaring Tree	3 m (10 ft)
Dogwood**	Red Osier	2 m (7 ft)
Honeysuckle**	Clavey's Dwarf	1 m (3 ft)
	Tartarian	3 m (10 ft)
	Zabel's	2 m (7 ft)
Lilac**	Common	3 m (10 ft)
	Late	3 m (10 ft)
Pricepia**		3 m (10 ft)
Potentilla		1 m (3 ft)

**suitable for planting in Chinook Region.

For information on tree planting and pruning, contact your local nursery or garden centre.

Caution:

*May plant near a power line**

Tree Name	Height at Maturity
Pincherry (Prunus pensylvanica)	5 m (16 ft)
Western chokecherry (Prunus virginiana Melanocarpa)**	5 m (16 ft)
Black cherry (Prunus serotina)	6 m (20 ft)
Tartarian maple (Acer tataricum)**	6 m (20 ft)
Amur maple (Acer ginnala)**	4 m (13 ft)
Flowering crabapples (Malus baccata)**	5 m (16 ft)
Hawthorns (Crataegus sp.)**	5 m (16 ft)
Showy mountain ash (Sorbus decora)**	5 m (16 ft)
Green's mountain ash (Sorbus scopulina)	5 m (16 ft)
French pussy-willow (Salix caprea)**	5 m (16 ft)
Mugo pine (Pinus Mugo rostrata)**	6 m (20 ft)
Pyramidal white cedar (Thuja o "Pyramidalis)	5 m (16 ft)
Montgomery blue spruce (Picea pungens "Montgomery")	3 m (10 ft)
Caragana (Caragana arborescens)**	3 m (10 ft)
Hedge cotoneaster (Cotoneaster lucidus)**	2 m (7 ft)
Highbush cranberry (Viburnum trilobum)**	3 m (10 ft)
Nannyberry (Viburnum Lentago)**	5 m (16 ft)
Dogwood (Cornus sp.)**	3 m (10 ft)
Elder (Sambucus sp.)**	4 m (13 ft)
Honeysuckle (Lonicera sp.)**	3 m (10 ft)
Lilac (Syringa sp.)**	5 m (16 ft)
Saskatoon (Amerlanchier alnifolia)	4 m (13 ft)

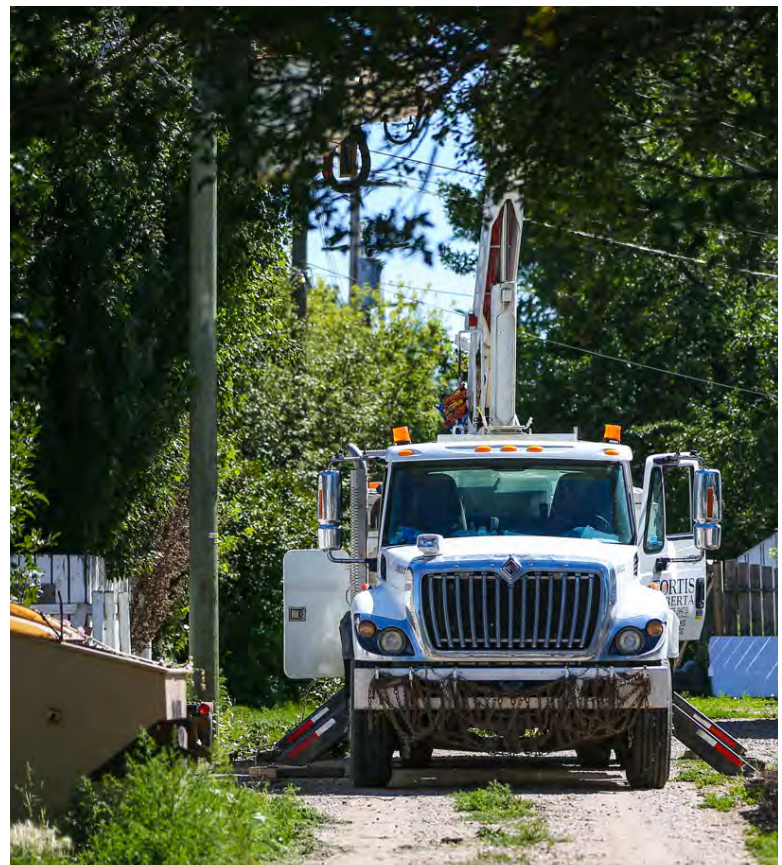
* May require trimming under most favourable soil and climatic conditions.

** Suitable for planting in Chinook region.

Do Not Plant within eight metres of a power line:

Tree Name	Height at Maturity
Trembling aspen (Populus tremuloides)	18 m (60 ft)
Balsam poplar (Populus balsamifera)	20 m (65 ft)
Northwest poplar (Populus x. "Northwest")	20 m (65 ft)
Plains cottonwood (Populus deltoids)	30 m (90 ft)
White spruce (Picea glauca)	15 m (50 ft)
Blue spruce (Picea p. "Glauc")	15 m (50 ft)
Manitoba maple (Acer Negundo)	14 m (45 ft)
Laurel leaved willow (Salix pentandra)	15 m (50 ft)
Golden leaved willow (Salix alba vitellina)	15 m (50 ft)
Sharp leaf willow (Salix acutifolia)	10 m (35 ft)
Green ash (Fraxinus pensylvanica "lanceolata")	15 m (50 ft)
Patmore green ash (Fraxinum pensylvanica "Patmore")	15 m (50 ft)
American elm (Ulmus americana)	20 m (65 ft)
Brandon elm (Ulmus Americana "Brandon")	15 m (50 ft)
Siberian elm (Ulmus pumila)	12 m (40 ft)
Paper birch (Betula papyrifera)	12 m (40 ft)
European white birch (Betula pendula)	12 m (40 ft)
Cut-leaved weeping birch (Betula pendula "Gracilis")	20 m (65 ft)
Slender weeping birch (Betula pendula "Tristis")	12 m (40 ft)

For more information on tree-to-tree power line clearances call FortisAlberta at 310-WIRE (9473).



Date: **September 15, 2023**

Crossing Number: D23-3941

Your File: 16466

TREE TIME SERVICES INC.

c/o Hurland Services Ltd.

via email: michelles@hurland.ca

Attention: Michelle Smith

**Re: PROPOSED Temporary Access CROSSING our 73 mm PE DISTRIBUTION Intermediate or Low Pressure Natural Gas Pipeline(s)
Located in NW 27-052-03 W5M**

PLEASE NOTE: THIS AGREEMENT IS VALID FOR ATCO'S DISTRIBUTION INTERMEDIATE OR LOW PRESSURE NATURAL GAS PIPELINES AND DOES NOT GRANT CONSENT FOR ANY WORK TO BE COMPLETED AROUND ATCO'S LICENSED HIGH PRESSURE NATURAL GAS PIPELINES. IF REQUIRED, A SEPARATE AGREEMENT MUST BE OBTAINED FOR THOSE FACILITIES. To obtain an agreement for ATCO's high pressure pipelines please send a request to landadmin@atco.com

Further to your request received September 06, 2023, ATCO Gas and Pipelines Ltd. (hereinafter called the Grantor) approves **TREE TIME SERVICES INC.** (hereinafter called the Grantee) request crossing/ in proximity to intermediate pressure natural gas pipeline(s) subject to the following:

1. It will be necessary to contact the Grantor's Field Representative **Jory Bourdon-Pegg @ (780) 499-6319** at least 72 hours prior to commencement of any work affecting the surface of the Grantor's right(s)-of-way. All such work shall be carried out to the satisfaction of the Grantor's representative. Please **refer to Crossing No. D23-3941** when making your request. The Grantee shall pay to the Grantor all of the Grantor's costs and expenses incurred in conducting such inspection outside of normal business hours. The normal business hours of the Grantor are Monday to Friday (excluding Statutory Holidays) from 8:00 a.m. to 4:00 p.m.
2. Prior to Construction, locates are to be obtained through Utility Safety Partners call **1-800-242-3447**.
3. The Crossing Area shall be the area circled in red on the plan(s) attached to this letter agreement as Schedule "B". Grantee shall carry out all Work in the Crossing Area in accordance with good engineering and construction practices.
4. The Grantee shall make available to the construction group involved in this project a signed copy of this agreement, which shall remain on site for the duration of the crossing activity.
5. If required, the Grantee shall hydrovac or hand expose the Grantor's pipeline(s) under the supervision of the Grantor's representative to determine the exact location and depth of the pipeline(s) before construction begins on the Grantor's right(s)-of-way.

All hydro-vacced holes used to locate the Grantor's facilities must be secured during work activities and never left open unattended. If unattended, the hole must be fenced off at a minimum height of 1.2 meters, visibly marked with orange tape, and covered with 15mm or thicker plywood to prevent accidental entry by pedestrians or animals. Grantee shall, as soon as it is reasonably practical after the completion of Grantee's Work in the Crossing Area, restore the surface of the Crossing Area as closely as is practical to the condition in which it existed immediately prior to the Work being commenced. Any dumping on site of hydrovac spoils requires prior written consent from the landowner.

6. Should it be necessary to lower or relocate the Grantor's pipeline(s) due to the proposed crossing activity, notification must be given to the Grantor with a minimum of twelve weeks notice. Forward plans and requirements to the Grantor. The expense of lowering or relocation shall be borne by the Grantee.
7. No equipment shall be moved across or along the Grantor's right(s)-of-way until it is determined safe to do so by the Grantor's representative. At the discretion of the Grantor's representative, the Grantee may be required to provide an earth berm or timber pad on the Grantor's right(s)-of-way to provide a minimum of 1.1 metres of cover.
8. The approved crossing activity shall be carried out within **one (1) year** of the date of issuance of this agreement. Failing this, the Grantee shall re-apply for crossing approval, as the original agreement will have become null and void. Please advise the Grantor if the proposed crossing is cancelled.
9. Notify Grantor's representative prior to backfill. The Grantor's representative may choose to inspect pipeline(s) prior to backfilling.
10. All ditches and right(s)-of-way are to be restored as is reasonably possible to its original condition upon completion of work. This includes the replacement of signs.
11. The Grantor's pipeline(s) shall be entitled to the upper position in the Crossing Area.
12. With the excepting of hand tampers, vibratory compaction equipment shall not be used over the pipeline(s) to achieve compaction.

Temporary Access

Construction of the temporary roadway(s) for equipment access shall not result in reduced clearance between existing ground level and the Grantor's existing pipeline(s). 1.1 metres of cover on stable ground is required before any heavy equipment is allowed to cross the pipeline(s). Additional fill may be required at the discretion of the Grantor's representative on site due to field conditions or pipe materials.

The Grantee may be required to erect temporary fencing before or during construction to prevent construction equipment from traveling over top of the pipeline(s) and to remove the fencing once the construction is completed.

Crossing No. D23-3941

The temporary roadway(s) are to be reclaimed when no longer required for access. All ditches and right(s)-of-way are to be restored to original condition or as reasonably possible to original condition upon completion of the work. This includes the replacement of signs.

The Grantor's pipe size, depth and pipe properties may vary. Specific requirements may be required to minimize operational concerns when crossing the Grantor's right(s)-of-way with excessively heavy equipment.

No vehicles, equipment or materials will be parked, operated or stored over Grantor's right(s)-of-way.

If crossing the pipeline is required with heavy equipment (over 10,000 lbs) the Grantee MUST contact Grantor's representative to ensure the line(s) are not compromised.

Rig Mats Conditions

Rig mats are to be installed 5 metres on either side of the pipeline locate marks at the desired vehicle crossing location. All vehicle traffic shall use the rig mats when crossing the pipeline(s) at all times.

Contact Grantor's representative to inspect mat set-up prior to use and if any amendments are required to the crossing agreement.

*****Note*****

An example of a temporary roadway would be an access road to a temporary or drilling site. These are not intended to be used for long term and the expectation is the road will be removed once no longer necessary

PVC and/or 48mm 73mm PE Pipelines

Exposing:

The Grantor's pipeline(s) shall be entitled to the upper position in the Crossing Area.

All ground disturbances adjacent to and over pipeline(s) must be completed in frost free or non-frozen ground conditions. Ground thawing equipment may be used to thaw the ground, at the approval of the Grantor's personnel however, it is recommended that excavation wait for frost free conditions.

Ground disturbances under the pipeline are limited to sighting the pipeline for crossings drilled underneath. PVC cannot be excavated and left unsupported, and cannot be adequately supported, in order to work under it. Work intended to occur under the pipeline must consult with ATCO's Engineering team.

Before mechanical excavation within 5.0 metres the Grantor's pipeline(s) must be hand exposed to determine the exact location and exact depth. No mechanical excavating equipment shall be operated within 1.6 metres of the Grantor's pipeline(s) unless authorized by the Grantor(s) representative on site.

All excavations within the 0.6 metres on either side of the pipeline(s) must be done by hand or with non-destructive methods. Acceptable non-destructive methods include equipment such as; Air-knife, Hydro-vac, etc. (Nozzle pressure must not exceed **1500** psi at 60 degrees) at the discretion of the Grantor's representative.

All hand exposing of pipeline(s) must be completed by the Grantor's personnel, or by an excavation contractor under the direction of the Grantor's representative. For private landowners completing work on their owned lands this will be at no cost to the landowner.

Important Notes:

- a) **USE EXTREME CARE** during the hand digging process. Do not hit or touch the pipeline(s) with a shovel or excavating equipment. Dig down beside the pipeline(s) and tunnel towards it.
DO NOT DIG STRAIGHT DOWN ONTO A PIPELINE(s).

Backfilling:

Notify Grantor's representative prior to backfill. Grantor's representative may choose to inspect pipeline prior to backfill.

A minimum distance of 0.3 metres shall be maintained between the external surfaces of the Grantor's and the Grantee's facilities; and the Grantee's facility shall be maintained at the same depth with no side bends for the entire width of the crossing area.

Padding and backfilling around the pipeline(s) must be completed carefully using bank sand or comparable material, to a minimum of 0.3 meters over the pipeline(s).

No compaction equipment may be used directly over the pipeline or within the 0.6 metres on either side of the pipeline(s).

NOTE:

NO TREES SHALL BE PLANTED IN THE RIGHT(S)-OF-WAY (ROW) OR WITHIN 3M IN LIEU OF A ROW.

Liability and Indemnity

(a) Liability:

- Grantee shall be liable to Grantor for all loss, damages, and expenses which Grantor may suffer sustain, pay or incur by reason of any matter or thing arising out of or attributable to any act or omission by Grantee, its servants, agents, contractors or employees in respect of Grantee's use of the Crossing Area or by reason of this Agreement.
- Grantor shall be liable to the Grantee for all loss, damages, and expenses which Grantee may suffer, sustain, pay or incur by reason of any matter or thing arising out of; or attributable to any act or omission by Grantor, its servants, agents, contractors or employees in respect of Grantor's use of the Crossing Area or by reason of this Agreement.

(b) Indemnity

- Grantee shall indemnify and save harmless the Grantor against all actions, proceedings, claims, demands and costs which may be brought against or suffered by Grantor or which it may sustain, pay or incur, by reason of any matter or thing arising out of or attributable to any act or omission of Grantee, its servants, agents, contractors or employees in respect the Grantee's use of the Crossing Area or by reason of this Agreement.
- Grantor shall indemnify and save harmless the Grantee against all actions, proceedings, claims, demands and costs which may be brought against or suffered by Grantee or which it may sustain, pay or incur, by reason of any matter or thing arising out of or attributable to any act or omission of Grantor, its servants, agents, contractors or employees in respect the Grantor's use of the Crossing Area or by reason of this Agreement.

Notwithstanding anything else herein to the contrary, in no event shall either party be liable to the other party, any person claiming rights derived from the other party's rights or any other third party, for consequential, punitive, indirect, or exemplary losses, costs, expenses, injuries, or damages of any kind, including lost profits, loss of business, loss of opportunity. Or other economic damage, howsoever caused, including as a result of breach of this Agreement, negligence or otherwise, regardless of whether the party liable or allegedly liable was advised, had other reason to know, or in fact knew of the possibility of the same.

Crossing No. D23-3941

Assignment:

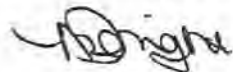
The Grantor shall have the right to assign, transfer or convey to any other person, firm, corporation or entity whatsoever, all of the Grantor's powers, benefits, privileges, rights, titles and interest arising pursuant to, or conferred by, this Agreement, without consent from, or notice to the Grantee. Upon any such assignment, transfer or conveyance by the Grantor, the Grantee agrees and acknowledges that the Grantor shall be released in full from all of its liabilities and obligations arising pursuant to this Agreement. The Grantor may enter into all agreements, contracts and writings and do all necessary acts and things necessary to give effect to the provisions of this section.

Please indicate your acceptance to these conditions by signing below and return only this page of this agreement.

Should you have further questions in this matter, please contact the undersigned.

Yours truly,

ATCO Gas and Pipelines Ltd.



Maira Wright
Administrative Coordinator
Land Department

cc: **Jory Bourdon-Pegg**, Field Rep.

**THE ABOVE TERMS AND CONDITIONS ARE ACCEPTED AND AGREED TO
BY:**

TREE TIME SERVICES INC.

This 19 Day of September, 2023

A. Mackinnon
(Signature)

Angela Mackinnon
(Print Name)

ATCO

NW 27-052-03 W5M

**Disclaimer:**

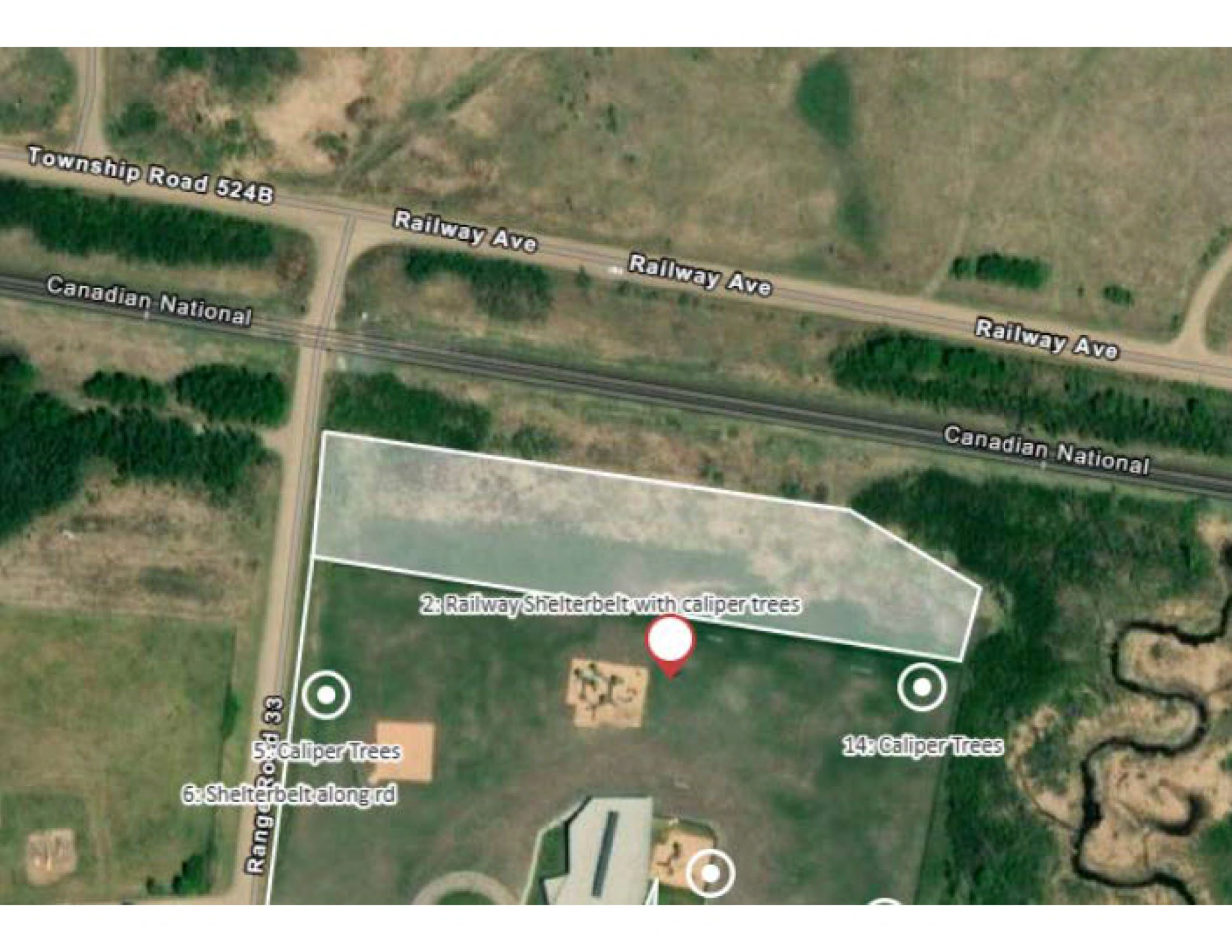
1. While every attempt has been made to maintain this file in an up-to-date condition, revisions and modifications are made from time to time and can occur at any time without notice to the recipient of this information. Furthermore, this file is forwarded under the express understanding that there is no obligation to notify recipients of changes.

2. ATCO provides this information in good faith, to the intended recipient. However, it makes no warranty in regard to the information whatsoever (including but not limited to a warranty as to the accuracy of the information) and ATCO does not accept any liability arising from incomplete, incorrect or misleading information.

3. All dimensions in meters unless noted otherwise.

**Notes**

Printed on September 15,



Township Road 524B

Railway Ave

Railway Ave

Railway Ave

Canadian National

Canadian National

2: Railway Shelterbelt with caliper trees

Ranger Road 33

5: Caliper Trees

6: Shelterbelt along rd

14: Caliper Trees

Appendix 4 Resource List

Planning & Project Management	
Project Manager	Project planning, document review and logistics, site visits, and project support.
GIS Specialist	
Mileage	

Land Locates & Surveys	
3rd party agreements	Complete surveys and crossing agreements
Surveys	

Garbage Removal & Site Preparation	
PFN workers	Paul First Nation will remove garbage and mow the site prior to Mattson Tree Farms coming out to till the land and apply wood mulch (caliper trees and install is included in tree pricing)
Pick-up Truck	
Brush Saw	
Quad	
Lawn Mower	
Gas	
Delivery of Product & LOA	
Tilling Land (Tiller)	
Supply and Install of Mulch (250 cubic yard)	
Rig Mats (3 mats	

Spring Tree Planting	
Supervisor	Estimated hours, including mob and demob for 1 Supervisor for the project
Tree Planter	Estimated hours, including mob and demob for 1 Tree Planter for the project
Mileage	Rate for truck mileage for project duration.
Field Equipment	Estimated days for equipment required for project completion
Survey Lath	number of stakes to install for monitoring

Monitoring	
Project Manager	Estimated time and resources to complete monitoring plots over the next 6 years
Supervisor	
Mileage	
Field Equipment	

Appendix 5 Monitoring Survey Map



Paul First Nation School Shelterbelt Monitoring Survey Map

Project Partners:



Legend:

- Monitoring Plots
- Railway Shelterbelt - Conifers
 - Blue Spruce - Caliper Trees
 - Blue Spruce - Seedlings
- Railway Shelterbelt - Willows
 - Acute Willow
 - Golden Willow
- School yard
 - Blue Spruce
- Cultural Plants - Berry Shrubs
 - Saskatoon
 - Raspberry

Date Created: 2023-10-04
Project CRS: EPSG:3400
Source: Google Satellite
Created By: Tree Time Services Inc.
Scale:1:1,000

0 20 40 60 m

