



**THE VILLAGE OF
SOUTHERN VICTORIA**
CONNECT TO A GREENER LIFE

Southern Victoria Municipal Building Elevation Options Presentation



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Architecture **Inc.**

Presenters:



Darroch White
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Senior Architect



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Senior Architect



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AANB
Intern Architect



Southern Victoria Municipal Building

Good Evening!

Objective of Tonight's Presentation



Southern Victoria Municipal Building

Exterior Elevation Options Presentation

- **We will present two options for the exterior form of the building and describe the fundamental concept and the overarching vision we have for each scheme.**
- **Both Options use the same floor plan that we have developed but the exterior form will be expressed in two distinct designs.**



Southern Victoria Municipal Building

Exterior Elevation Options Presentation

- **I will present Option 1 and Mubareka will present Option 2.**
- **After we present the images and discuss the qualities of each option, we will review some of the similarities and difference of each design.**
- **We will touch upon opportunities for Greener Connections that we feel are compatible with the Village's vision and plan for Green Initiatives.**
- **When we conclude presenting the Options we'll invite comments, feedback and encourage discussion and questions from you regarding the Options and how they are aligned with your vision for the new Municipal Building.**



Southern Victoria Municipal Building

Context:

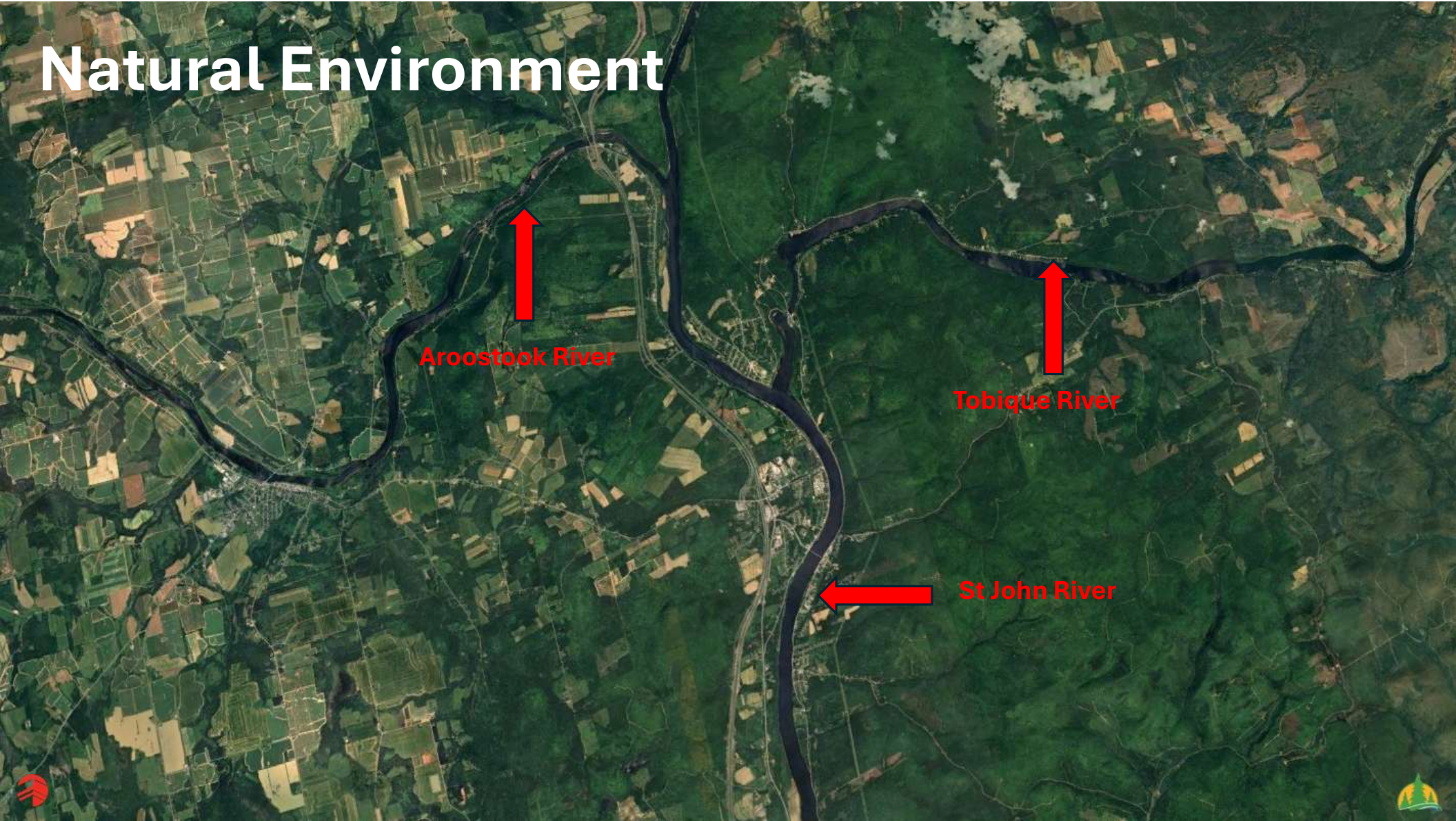
Natural Environment
Settlement

Built Environment
In Harmony and in Competition with Forces of Nature

Opportunity for Growth
New Site and Expression of Village's Vision for the Future



Natural Environment



Aroostook River

Tobique River

St John River



Natural Environment



Natural Environment



Permanent Settlement - Place Making



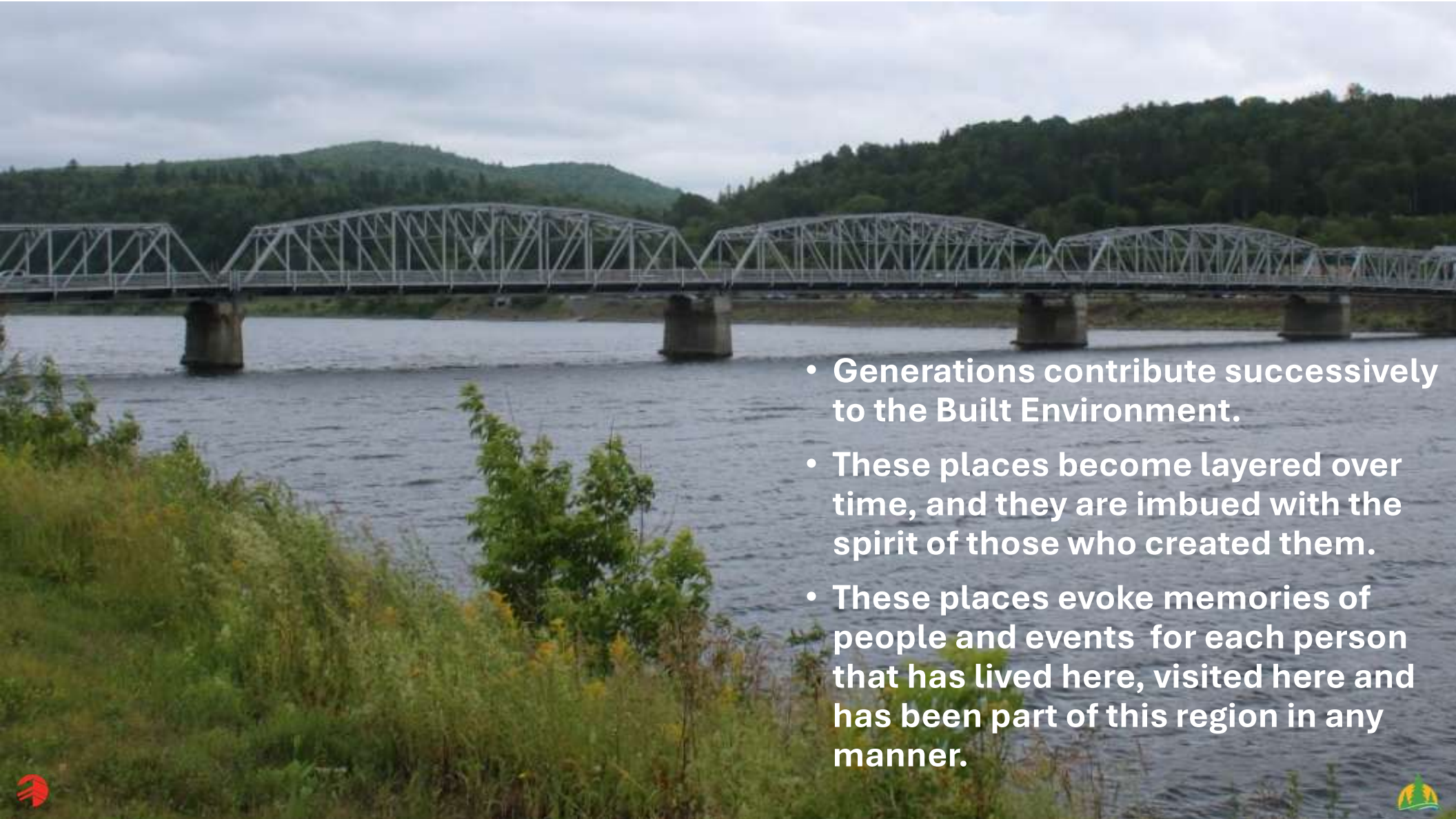
Built Environment

Permanent Settlement – Place Making



This is the process of planning, design and construction of our human made surroundings and our community spaces.





- **Generations contribute successively to the Built Environment.**
- **These places become layered over time, and they are imbued with the spirit of those who created them.**
- **These places evoke memories of people and events for each person that has lived here, visited here and has been part of this region in any manner.**







Natural and Built Environment - Harmony



Natural and Built Environment – Force of Nature



Opportunity

- Generational opportunity for a meaningful contribution to the community.
- Participate in the establishment of a significant landmark piece of architecture.
- Opportunity for Legacy – This represents your understanding of the past, connection to the present and vision for what you hope for your community for the generations that will follow.

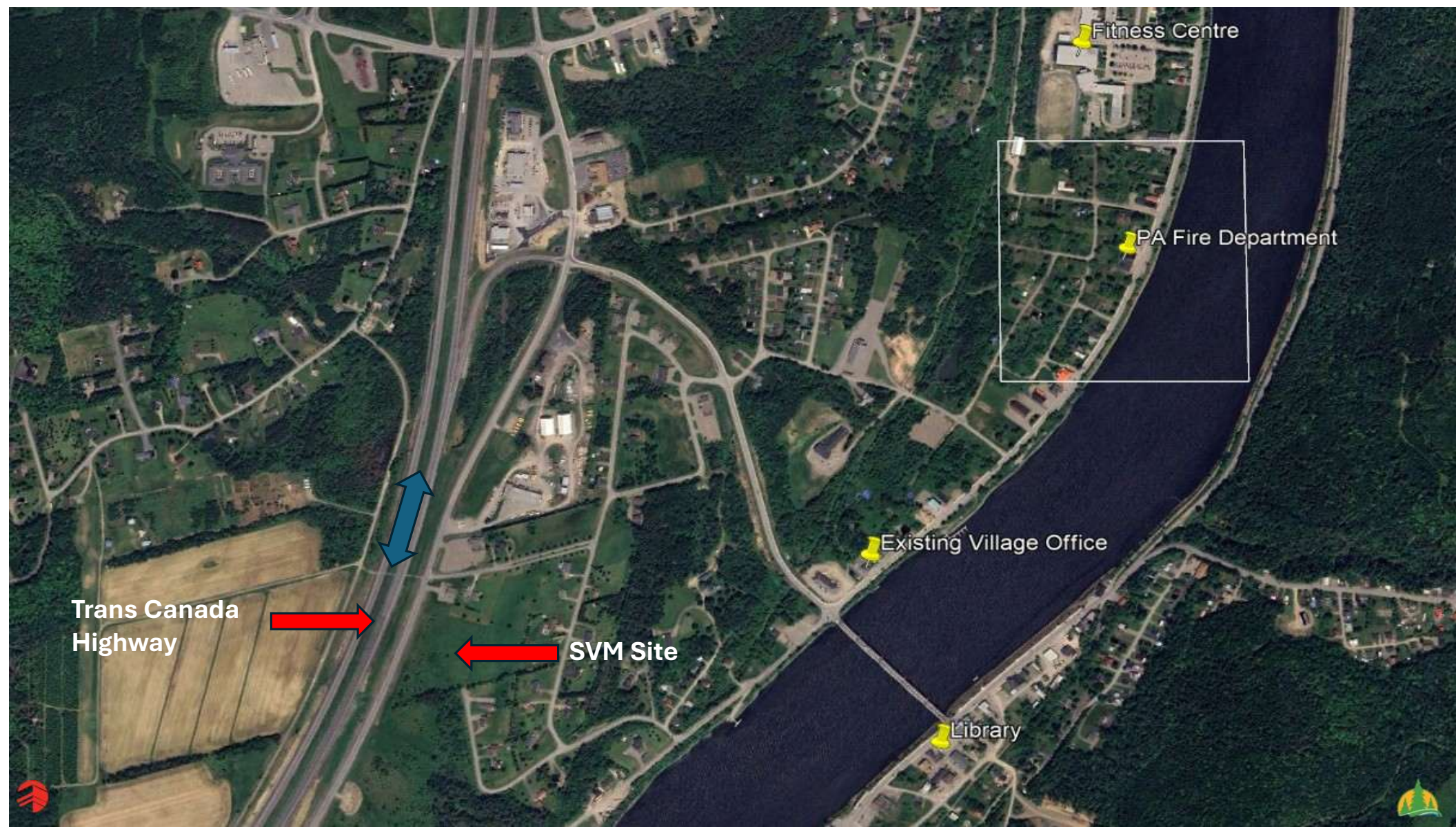


Opportunity



Trans Canada
Highway

SVM Site



Fitness Centre

PA Fire Department

Existing Village Office

Library

Trans Canada Highway

SVM Site



Site



Opportunities

- A **visual identity** of the village from the highway.
- Sets a **benchmark**- No significant competing buildings around.





Opportunities

- A **visual identity** of the village from local roads leading to and from the village.



Design Approach

- A building that **stands out** in the quiet landscape.
- A building that adds to the **visual appeal** .



Design Approach

- A building that adds to the **visual appeal** of the natural environment.
- A building that speaks to the **community spirit**.



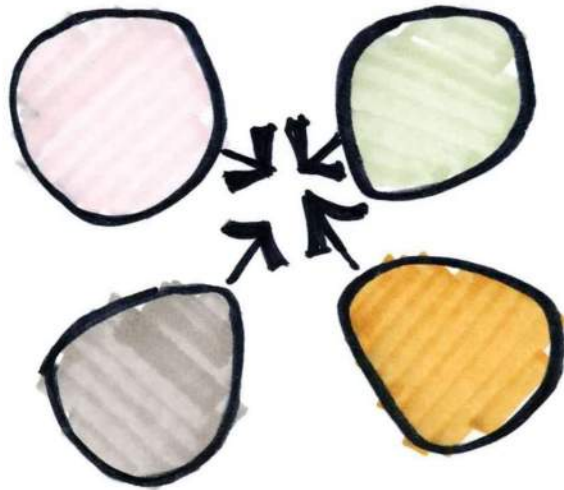
Options

Keep in Mind as we Present the Two Options

- Same building footprint – (Floor Plan).
- Each option uses different visual language in terms of architectural detailing, material and form.
- Each option is intended to have a unique visual impact and evoke a different emotional response.
- The two options are cost-comparable.



Option 1



Bringing Community Together

Option 1 Parti - The fundamental concept and organizing concept that guides the building design. This represents a continuation of the village identity with a fresh perspective. It visually demonstrates the village coming together in a form that is familiar to adapt positively to change and growth.



Option 1

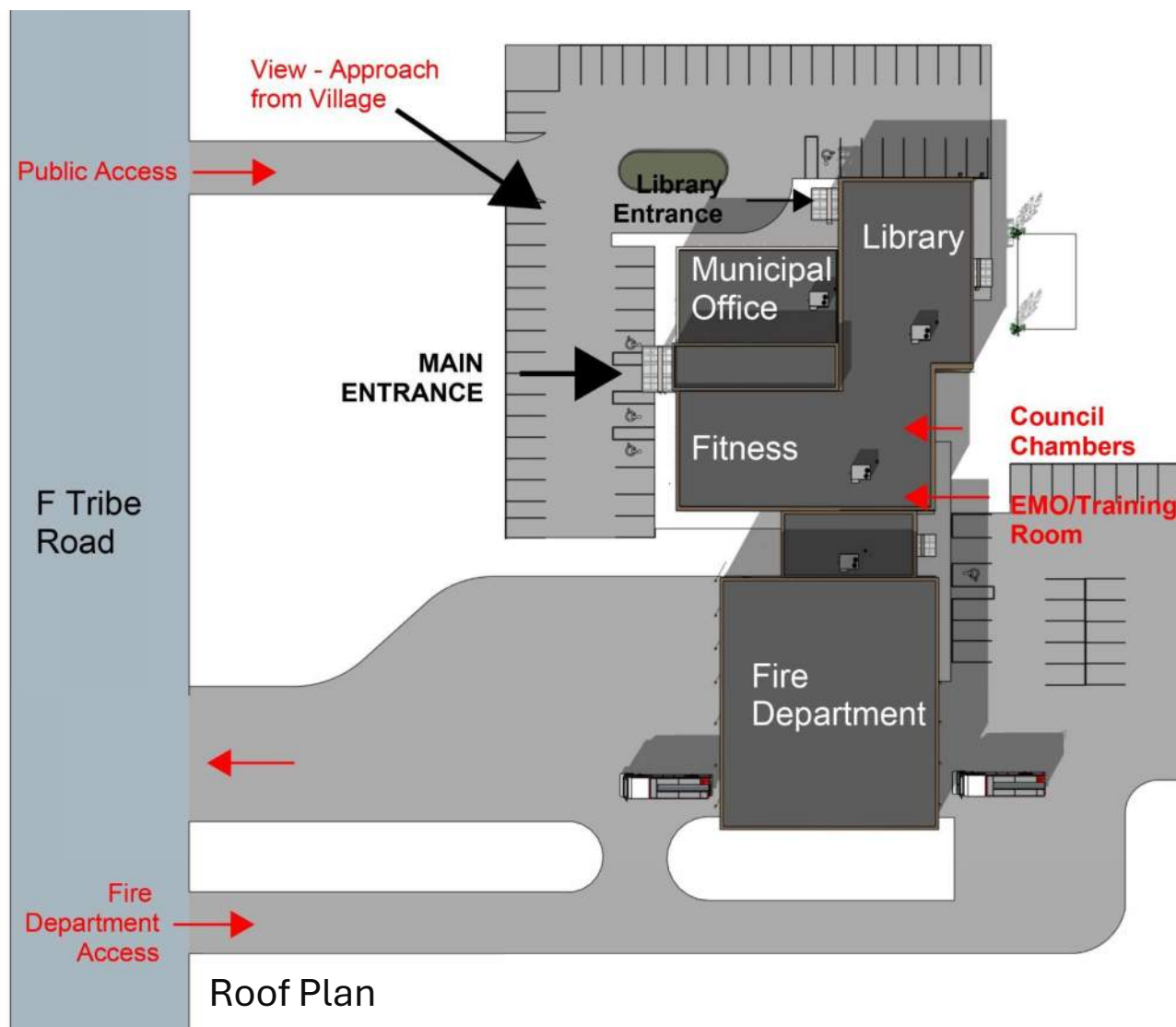


Option 1

- Recognizable as a civic building.
- All amenities, stand out as individuals and yet coming together into one cohesive building.
- The materials are organized to make municipal office as the grounding element.
- Clean and strong.



Option 1



Material Palette

Option 1



Metal Cladding
Horizontal Plank



Insulated Metal Wall
Panel- Vertical



Clay Brick-
Veneer



Opening- Clear
Anodized Aluminum



Option 1

Municipal Offices-
**The Organizational
Element**

Raised Lobby
celebrates the
Entrance- creates a
Hierarchy of Form
and Brings in **Natural
Light**



Library Entrance
Prominent

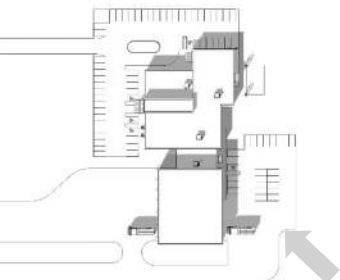
Canopy- Takes the Eye up to
the **Village Logo**



Option 1



Option 1



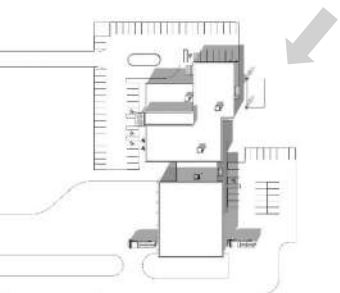
EMO/Training Room.

Exit Council Chamber

Library Access
Outdoor Classroom



Option 1



EMO/Training Rm.

Exit Council Chamber

Library Access
Outdoor Classroom



Option 1



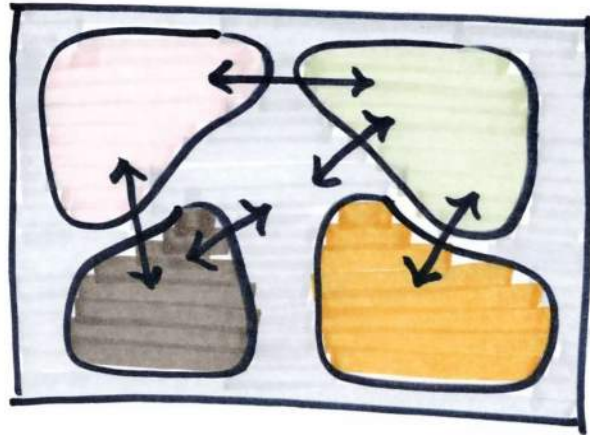
Option 1



Respect for tradition. A positive connection to the past and present community, with intent to ensure continued service and care well into the future.



Option 2

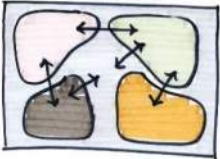


United, Ready to Adapt and Evolve

Option 2 parti - The fundamental concept and organizing concept that guides the building design is a statement of new identity and youthful energy. A symbol of united front, ready to adapt, grow and evolve with the changing times- into the FUTURE!



Option 2

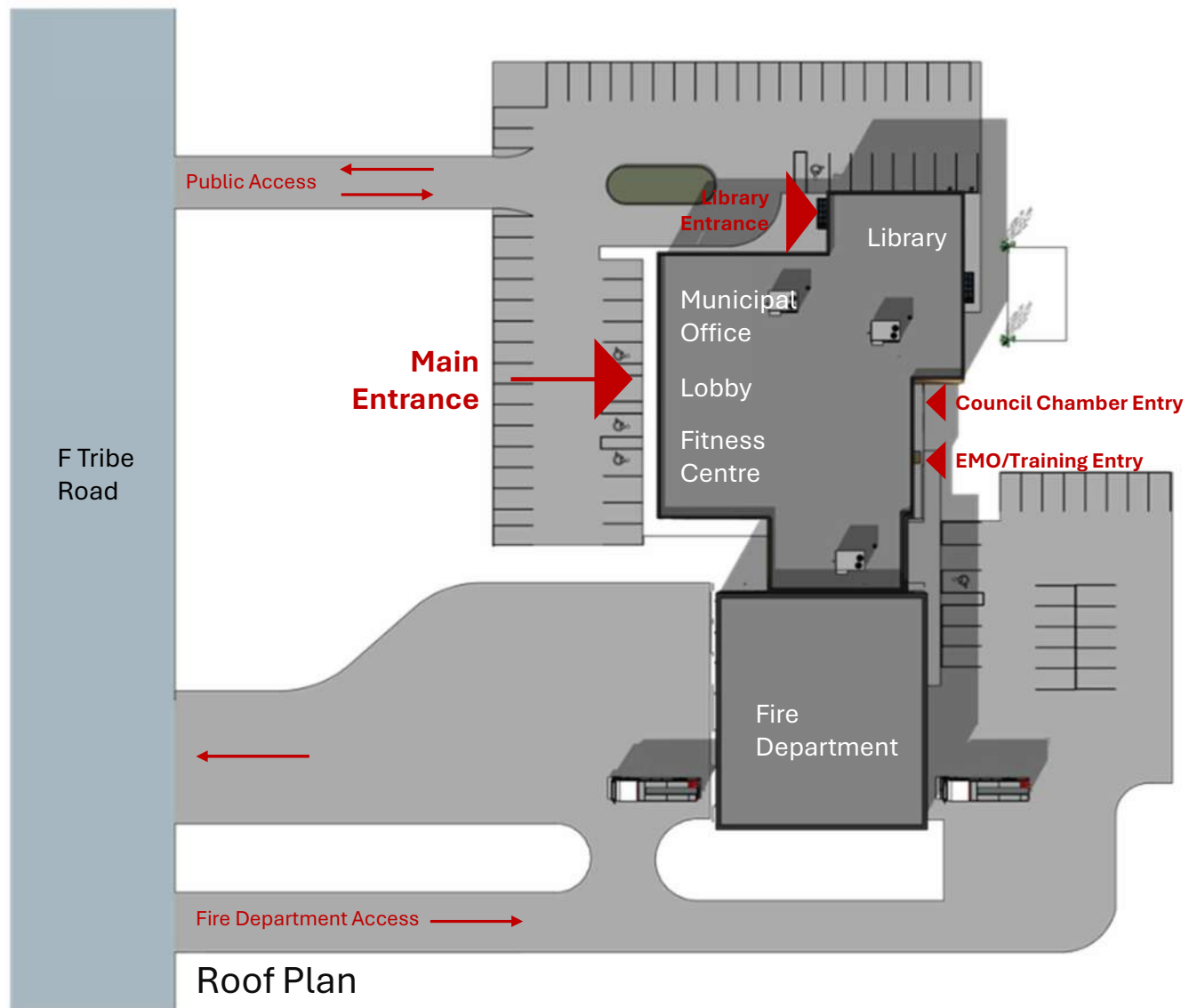


Option 2

- A bold visual statement - catches the eye from the highway- strengthens town identity.
- A new experience of pride for the citizens.
- Immediately guides the eye to the community portion of the building.
- Sets a fresh tone for the upcoming buildings in town
- Enhances the strength of the municipal building- visually and experientially.



Option 2



Option 2



Aluminum Composite Panels- Black



Curtain Wall- Opaque and Transparent Panels



Steel Siding- Wood Grain Texture- Vertical



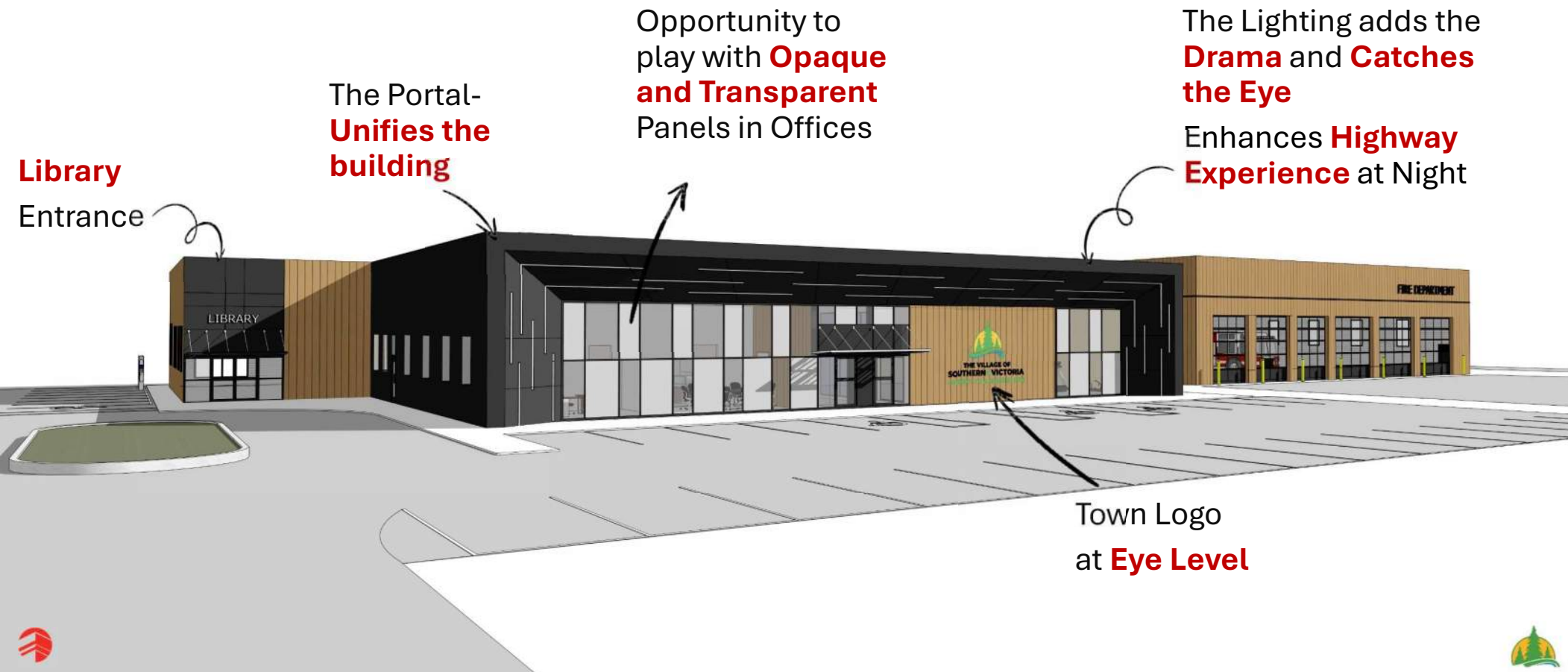
Openings- Black



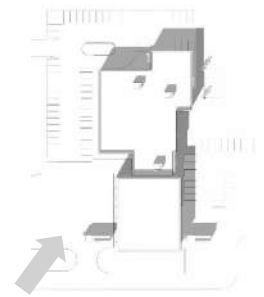
Elevation



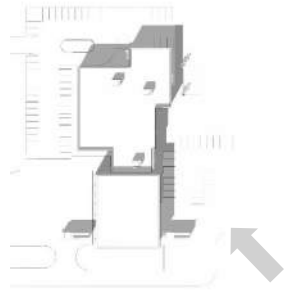
Option 2



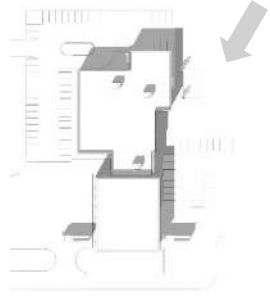
Option 2



Option 2



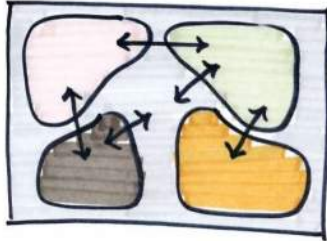
Option 2



Option 2



Option 2



One unified community space- ready to evolve with time.

Bold, dynamic and eye catching- A statement building for the town!



Comparison

Option 1

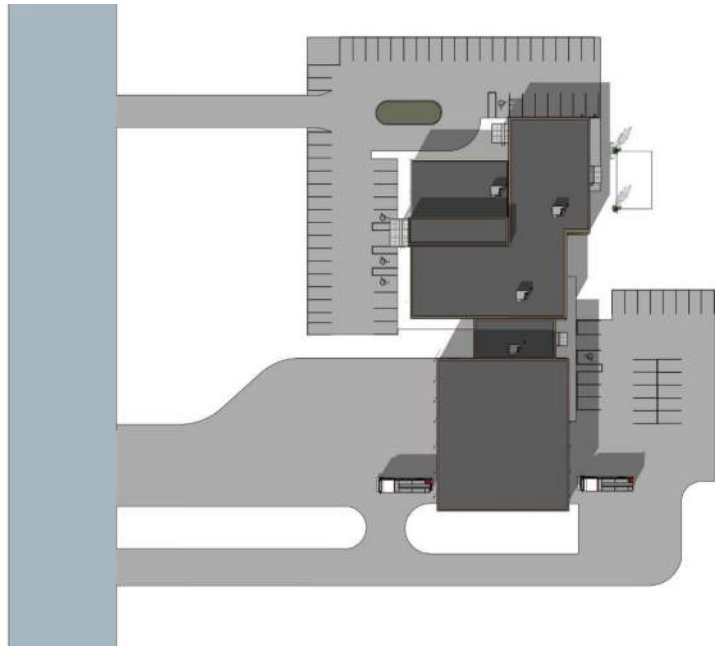


Option 2

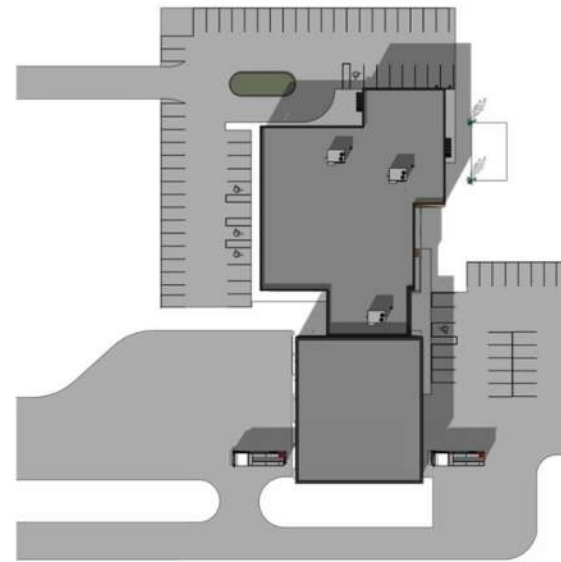


Comparison

- Both Options have the same floor plan / interior layout and program use adjacencies of the Floor Plan that we have been developing to date.



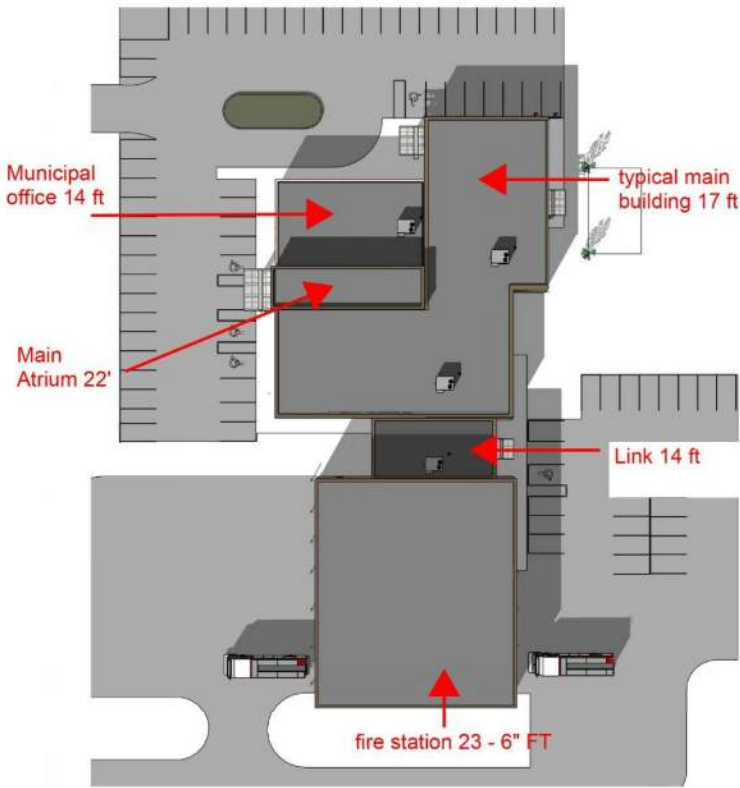
Option 1



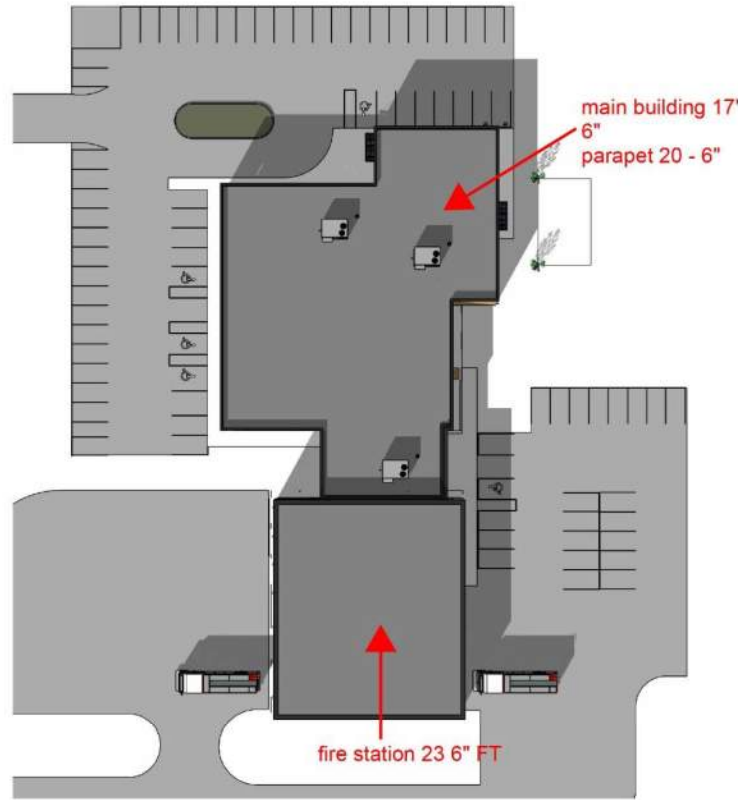
Option 2



Comparison



Option 1



Option 2

Massing and roof configuration

- **Option 1** – Multiple roof heights, used to define the program spaces.
- **Option 2** – Two roof heights – fire department set at one height, remainder of building at separate unified height.



Comparison

Roof Top Unit

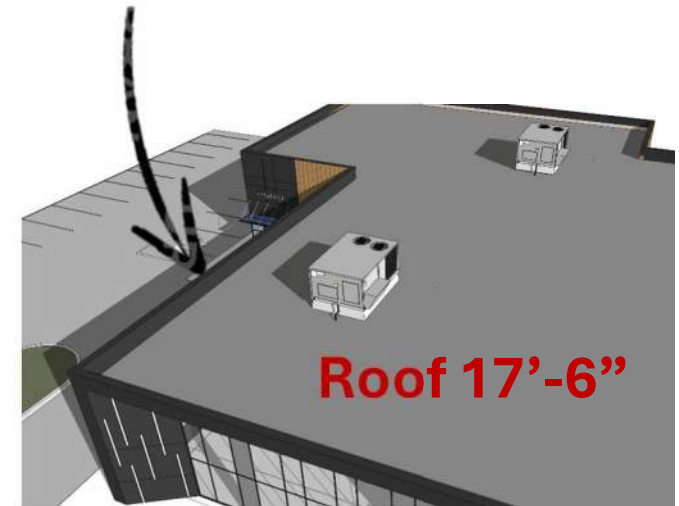


Roof Top Unit **Option 1**



Option 2

Parapet 20'



Roof 17'-6"



Comparison

Option 1 – Increased Height of Atrium –
Increased height in Lobby, Entrance Corridor.
Allows for Windows to be introduced to let in
day light along corridor.



Option 2 – Reduced Height at Entrance–
Lobby, Entrance Corridor.
Will not have the same effect of added height
as Option 1



Comparison



Option 1 – Multiple roof heights, used to define the program spaces.
Effect on cost – added steel/structural costs



Option 2 – Two roof heights – fire department set at one height, remainder of building at separate unified height. –
Effect on cost – more efficient steel/structural design result in cost savings



Comparison



Option 1 – The material selection and the quantity of material required due to the reduced net exterior wall area will result in a **Cost Saving**.



Option 2 – The material selection and the quantity of material required due to the increased net exterior wall area will result in an **Extra Cost**.




Cost Differential

**The Differential in Cost between
Option 1 and Option 2 - \$25,000.**

Net Difference in Options - Negligible



Opportunities for Greener Connections

Strategic Plan Summary Village of Perth-Andover 2021-23			
Focus Areas	Goals	Priority Actions	
Public Safety	<ul style="list-style-type: none"> Reduce crime in the community Provide education for property owners to reduce criminal activity Develop Neighbourhood watch program Develop Crime & Addiction Awareness Program 	<ul style="list-style-type: none"> Explore a camera program - public and private Consult with Crown Prosecutor for insight on strategy Evaluate the potential impact of cameras in community Develop rebate program Re-activate Neighbourhood Watch program – driven by volunteers, supported by municipality Educate the public on crime prevention, addictions, and mental health – section in newsletter, monthly sessions (various topics, video sessions, lunch & learn), list resources on website Explore options for policing, patrols, and by-law enforcement Improve communication with RCMP on community needs 	
Green Initiatives	<ul style="list-style-type: none"> View all municipal expenditures via “green” lens Explore ways to promote/provide composting options Promote green purchases in community Encourage green transportation – such as e-bikes, scooters, hydro bike, walking, and cycling Strive to meet greenhouse gas reduction targets 	<ul style="list-style-type: none"> Explore electric vehicle ride share program Pursue action items in GHG program Promote green innovation & culture Review compost programs in province to develop local program Explore & develop a green purchase and rebate policy Explore green partnership funding 	
Housing	<ul style="list-style-type: none"> Encourage development of housing options in the municipality Establish housing requirements in the community Establish relationship with housing groups in area Review and improve trailer park 	<ul style="list-style-type: none"> Survey the community to assess housing needs Meet/partner with Nonprofit Housing & NB Housing to support growth in residential units Review and promote municipal lands for housing development Target existing developers in region Review building incentive program to encourage green initiatives Explore various options to improve the trailer park 	
Municipal & Community Services	<ul style="list-style-type: none"> Develop flood mitigation plan municipal buildings Update industrial park goals (Incubator in industrial park – Park promotion) Promote Wi-Fi hot spots Create strategy to ensure primary healthcare – long term vision 	<ul style="list-style-type: none"> Foster council-physician collaboration to ascertain how municipality can support long term vision for primary healthcare Encourage high speed internet and develop Wi-Fi hot spots in the community Finalize site plan and location for new municipal building Develop industrial park promotional materials Improve garbage/recycling collections 	
Asset Management	<ul style="list-style-type: none"> Continuously update & improve the Capital Asset Management Plan for infrastructure renewal Develop partnerships for capital projects Review strategic land acquisitions or disposal Support a safe environment for green transportation on our streets, sidewalks, and trails. 	<ul style="list-style-type: none"> Conduct engineering review of sidewalk/trail infrastructure; focus on condition, design, & crosswalks Extend energy management system to service multiple municipal buildings Focus on street and sidewalk upgrades Upgrade the Andover well Report on municipal properties for possible disposal; highlight strategic land acquisition options Update asset management plan annually 	



Opportunities for Greener Connections

Strategic Vision & Plan



Council 2023-2026 Strategic Plan

Mission: The Village of Southern Victoria provides inclusive and welcoming services for all residents of the new municipality. We will create conditions that foster a healthy, well-planned, and economically vibrant community.

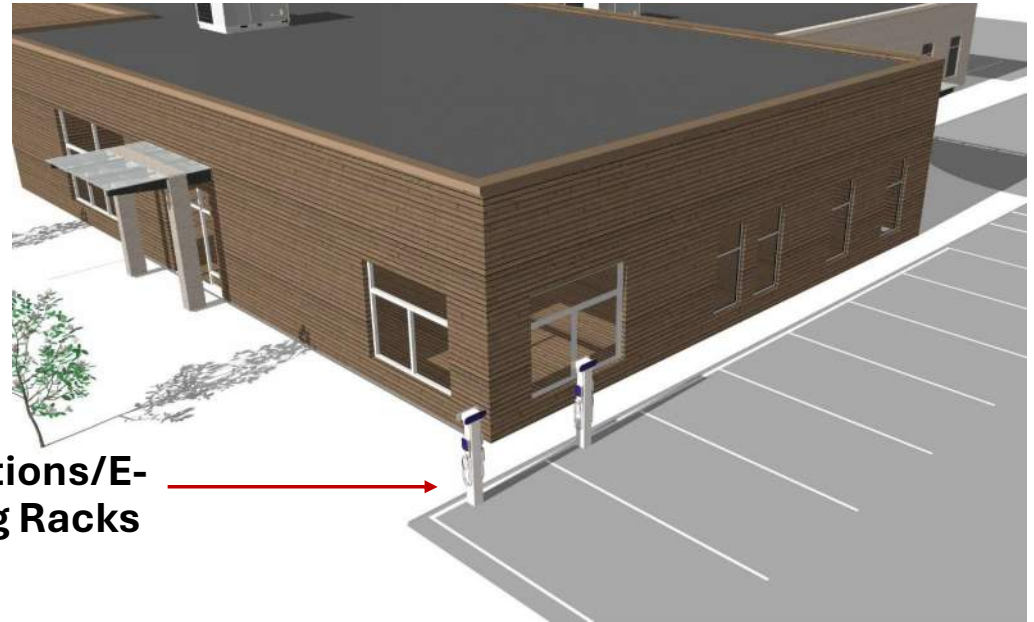


**Opportunities for Greener
Connections**

**Structurally - Solar P/V
Capable for Future
Roof Top Options**



**Opportunities for Greener
Connections**



**EV Charging Stations/E-
Bike and Cycling Racks**



**Encourage Green
Transportation**



**Opportunities for Greener
Connections**

Natural Day Light.



Create opportunities to allow natural light through maximizing window areas, optimizing building orientation, and using appropriate shading devices to reduce energy consumption, improve occupant health and productivity



Opportunities for Greener Connections

Material Procurement

Deliberate effort to source materials from manufacturers that have adopted green standards for both their manufacturing operations and their material production in terms of raw material sourcing, recycled material content and end of life utilization.

WE ARE PLANET PASSIONATE

While Vicwest has always been passionate about building durable and sustainable products, we're equally passionate about producing them in the most environmentally responsible way. This is how we're building for tomorrow.

Carbon

Emissions Reduction
We are aiming to achieve net-zero carbon in our manufacturing operations and have committed to a 90% absolute reduction in scope 1 & 2 GHG emissions by 2030. We are also encouraging our primary supply partners to meet a 50% reduction in carbon intensity by 2030.

Target

- ▶ 90% reduction in scope 1&2 GHG emissions by 2030

Circularity

Zero Waste to Landfill
In 2023, we sent 81 tons of waste to landfill, a reduction of 39 tons, by introducing new waste collection streams which included recycling plastics and composting organics. Moving forward, we have set a goal to divert 100% of our waste away from landfills.

Target

- ▶ Zero waste to landfill by 2030

Energy

Building with Solar
We've completed Phase 2 of solar PV installation at our Stratford plant, making our total solar panel count 1200. This generates 584KWP, or 86% of our energy requirements. In Acheson, our 504 solar panels generate 94% of the energy required.

Target

- ▶ By 2030: 60% of our total energy requirements generated from direct renewable energy (Solar PV & Hydropower)

Water

Rainwater Harvesting
We are strategically harvesting rainwater for use in our facilities to eliminate the use of fresh water from non-potable fixtures. Excess water is made available to the local community for irrigating farms and gardens.

Target

- ▶ Harvest a combined 1,000,000 litres of water annually across Vicwest's facilities



Opportunities for Greener Connections

Types of Recycled Building Materials

Materials used are:

- Sourced from Local Canadian Suppliers- Thus less carbon impact through its Life Cycle
- Readily available Local Labor to install it.
- Recyclable Materials- Sources from Companies that have a sustainable story to share in their manufacturing and materials.



To Conclude

- **Both Schemes are designed keeping the Community Spirit of Southern Victoria in mind.**
- **We are going to Open the Presentation Up for Comments, Questions and Discussion.**



Option 1



Option 2



Option 1



Option 2

