



VILLAGE OF SILVERTON

AGENDA

SPECIAL MEETING OF COUNCIL TO BE HELD

March 31, 2021

ONLINE – GoToMeeting (as posted)

4:00 PM

A. CALL TO ORDER

B. THE VILLAGE OF SILVERTON ACKNOWLEDGES THE INDIGENOUS PEOPLES ON WHOSE TRADITIONAL TERRITORIES WE STAND

C. ADDITION OF LATE ITEMS IF ANY

D. ADOPTION OF THE AGENDA

E. UNFINISHED BUSINESS/BUSINESS ARISING

1. Lakeside Campground Final Design and Report

Recommendation:

That the Village of Silverton Council accept the Lakeside Campground Final Design and Report as presented.

2. Budget Discussions Continued with CFO Chris Jury

3. Silverton 2021 Election Officer Appointments

Recommendation:

Pursuant to Section 58 of the Local Government Act, Council of the Village of Silverton hereby appoints Sonya Martineau as the Chief Election Officer for the Purpose of the Silverton 2021 Municipal By Election.

Recommendation:

Pursuant to Section 58 of the Local Government Act, Council of the Village of Silverton hereby appoints Hillary Elliott as the Deputy Chief Election Officer for the Purpose of the Silverton 2021 Municipal By Election.

F. CORRESPONDENCE

1. Columbia Basin Trust Community Initiatives and Affected Area Program Funding –
Public Information

- G. IN CAMERA MEETING:** there will be an In-Camera Meeting at this time. This meeting will be closed to the public in accordance with Sections 90 – 1 (c), employee relations, (i) legal, 2 (b) intergovernmental discussions.

The Regular Meeting recessed at _____pm in order to conduct the Closed Meeting.

The Regular Meeting reconvened at _____pm

H. ITEMS BROUGHT FORWARD FROM IN CAMERA

I. ADJOURNMENT

Village of Silverton

Lakeside Campground Redevelopment Plan

LEFS
+
ASSOCIATES

Lakeside Campground
Redevelopment Plan

March 2021

Contact Information:

509-318 Homer St, **Vancouver** BC Canada, V6B 2V2 | p: 604 899 3806

51 Wolseley St, **Toronto** ON Canada, M5T 1A4 | p: 416 645 7033 | f: 415 645 7046

8 Boswell Crescent, **Whitehorse** YT Canada, Y1A 4T3 | p: 867 332 3806

info@elac.ca | www.elac.ca

LEES
+
ASSOCIATES

LANDSCAPE ARCHITECTS + PLANNERS

ACKNOWLEDGEMENTS

The development of this report was guided by input from the following groups and individuals:

Village of Silverton Staff & Council Members

Hillary Elliott (CAO)

Tanya Gordon (Councillor)

Leonard Casley (Public works foreman)

The Consulting Team

Stewart Denny, LEES+Associates

Ivy Smith, LEES+Associates

Chad Townsend

Millie Kuyer

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INTRODUCTION

The Village of Silverton has identified the need to create a campground redevelopment and costing plan for the Lakeside Campground, located on Slocan Lake northwest of Creekside Campground (also owned by the Village). The existing Lakeside Campground is currently not in operation however it has previously been operated as a popular summer campground and contains some basic campsite amenities including a wood store shed, a washroom/shower building, parking and bear proof food storage areas. The Village wishes to revive the campground through improvements and modifications to the existing site guided by a redevelopment plan and costing to begin to generate revenue for the Village again.

SITE INVENTORY

SITE VISIT OBSERVATIONS

In November 2020, LEES staff accompanied by Village staff visited the existing site to conduct an inventory of existing site amenities and conditions. Please see **Appendix A: Site Inventory** for a map of existing site conditions.

The following describes key findings from the site inventory:

- The campground is bordered by Slocan Lake to the west, Turner Street on the east side, Water Street on the south side and boat launch parking off Leadville Street to the north side.
- There are existing large trees that provide good shelter. There are a few trees that are in poor condition (see Appendix A for complete tree inventory).
- Existing buildings and structures on site include: washroom building (upgraded by Village staff with grant funding in recent years), wood storage shelter and kiosk shelter. All of the structures are in fairly good condition.
- A currently operating public boat launch is located on the north end of the site and includes a road from Leadville Street, boat parking area and boat launch for motorized boats.
- Overhead powerlines skirt around the north east of the site.
- Boulders are stacked throughout the campground to block motorized access and for wayfinding purposes.
- Picnic tables are currently stored at the campground throughout the year.
- Felled logs have been repurposed as barriers and edges throughout.
- Wooden fences are located on properties to the south and around the existing washroom/shower block.

- Concrete barriers are used throughout the campground and along the northern edge of parking for the boat launch.
- Hedges are used as screening for the neighbours to the north.
- Grading from LiDAR is approximate but shows that the site is free draining and there is probable sheet flow from the high points to the south east on Turner street to lower points along Slocan Lake.
- There are distinct “shelved” sections to the campground that have sloped banks around their perimeters, one to the north, one in the middle of the site that has the shower/washroom, wood store and septic field, and one to the south.
- Underground power is provided to the washroom building through the roof of the entrance kiosk.
- Underground water lines run to three found waterpoints in the campground.



Figure 1 Existing Buildings at Lakeside Campground.



Figure 2 Existing Signage at Lakeside Campground.

PUBLIC SURVEY

The July 2020 Public Survey results were used to understand the public opinion and preference about the Lakeside Campground and guided the design of the redevelopment plan. The Village developed and advertised the survey which contained questions about both Creekside and Lakeside campground and received 64 responses.

Key findings from the July 2020 Public Survey regarding the Lakeside Campground improvements:

- 49% of respondents indicated they would like to see the same number of campsites at the Lakeside Campground, 38% would like to see less and 14% would like to see more.
- 80% of survey respondents would like to keep four waterfront campsites.
- 73% of survey respondents would like the Village to continue to allow RVs in both Lakeside and Creekside campgrounds.
- 83% of survey respondents would like to see power & water-hookups available at some sites in Lakeside Campground.

OPPORTUNITIES AND CONSTRAINTS

The following list of Opportunities and Constraints helped to guide the proposed redevelopment plan:

- There is an opportunity to buffer neighbouring land from campground noise, dust, smoke and visual disruption, particularly on Water Street and Leadville Street.
- There is an opportunity to use the campsites along the lakefront as a primary draw for the users of the campground as a unique lakefront camping experience.
- The shoreline will best serve the campground as an amenity, there is opportunity to connect to other trail and lakefront beaches from the campground area.
- There is an opportunity to use and enhance the existing campground sign and kiosk.
- There is an opportunity to use and enhance existing boat launch area.
- The campground already naturally divides into 3 distinct zones, there is an opportunity to further define zones that could have their own name and identity to ground the spaces and make wayfinding more memorable for the campground users.
- There is an opportunity to utilize the existing buildings and spaces around existing buildings for the new campground redevelopment plan.
- As mains water works are slated for construction under streets and looping through the campground, there is opportunity to provide (share trench) power and water lines for connections at particular campsites at a lower capital cost.



Figure 3 Existing Beach Conditions on Slovan Lake.

VISION, GOALS, AND OBJECTIVES

VISION

Lakeside campground is a place that:

- Provides visitors with unique and distinctive camping experience
- Protects and integrates existing natural features
- Is economically sustainable for the Village of Silverton

GOALS AND OBJECTIVES

1. Provide a unique, “made in Silverton” experience for campground users
 - a. Maximize the prime location of Lakeside Campground, within a village environment, on the shore of Slocan Lake, with unrivalled views of Valhalla Ranges and Valhalla Provincial Park
 - b. Provide unique lakefront campsites at the campground
2. Provide quality camping and recreational opportunities including a mix of RV and drive-in tent sites
 - a. Provide trail connections
 - b. Consider current and future trends and needs for camping
 - c. Provide gathering spaces and amenities to support large and small groups
 - d. Maximize camping experience and increase privacy while maximizing use of existing campground area through planting native shrubs between camping sites
 - e. Reduce the current noise and buffer views of campsites for neighbouring properties and consider the frequency of heavy traffic
3. Utilize and protect the existing natural features such as the lakefront and large trees as key features of the campsite
 - a. Improvements will be sensitive to conserving and enhancing natural habitat, especially mitigating potential shoreline along the western boundary of the campground

4. Generate revenue for the Village of Silverton that makes the Lakeside Campground a sustainable amenity to operate
 - a. Improvements and operations at Lakeside Campground should be implemented in phases that optimize the Village's return on investment.

5. Promote Local Economy
 - a. Identify potential partnerships with local businesses in order for the Lakeside Campground to support the local economy



Figure 4 Existing boat launch, Lakeside Campground.

CONCEPT DESCRIPTION

This section describes site features included in the final campground redevelopment concept that was approved by Village of Silverton Council in February 2021. Please refer to **Appendix B: Final Concept & Concept Options** for a graphic corresponding to the descriptions below as well as other concept options that were considered during the concept development stages of this project. Please refer to **Appendix D: Phasing Summary** for proposed phasing of development.

A. Campsites

There are 20 campsites in total.

Campsites have been laid out to accommodate three types of vehicles:

- 4 Recreational Vehicles (RVs) up to 35 feet (10.6m) long and fifth wheels up to 30 feet (9.1m) long.
- 3 Recreational Vehicles (RVs) up to 35 feet (10.6m) long (some sites will require that RVs will need to drive into the campsite forwards)
- 12 Drive-in car tent-only campsites

RVs over 35 feet and fifth wheels over 30 feet (9.1m) will be directed to Creekside Campground.

One of the campsites (#20) will be dedicated to a campground attendant and a vehicle can access the campsite off Turner Street. A clearly recognizable and semi-permanent structure (oTENTik or similar) has been recommended to act as the campground attendants accommodation and office space. See Appendix E for examples and dimensions.



Figure 5 Example of oTENTik tent.

Campsite surface material: Campsites will be graded to provide positive drainage. Topped with 150mm depth of gravel (minus material) compacted to appropriate SPD to provide a durable well drained, drivable surface and reduce the impact on soil erosion and tree root compaction by heavy vehicle traffic.

Picnic tables: In each camp site there is a location for an accessible picnic table.

Fire rings: In each camp site there is a location for a fire ring.

Bear bins: Bear bins are placed in two locations within the campground, for easy access and pick-up. The bins will be split into garbage and recycling compartments.

Trees & Plantings: Coniferous trees will be planted to provide shade, shelter and beauty, to replace the trees felled in 2019 and enhance healthy, safe trees that remain.

Understory, native shrubs and perennial ground cover will be planted around campsites, to define spaces, create habitats for wildlife, and create further privacy and buffer from other campground users. Trees and plants will require growing medium and a layer of bark mulch, which will reduce the amount of maintenance required.

Fencing: Alongside planting, split rail cedar fencing is recommended to define the campsite boundaries. Some closed board fencing may be required to screen the campground from properties to the south. Priority fence installation will separate Water Street from the campground and subsequent fencing between campgrounds could be completed in future phases.



Figure 6 Example of Split Rail Fencing at Campsite from Goldstream Provincial Park.

B. Campground Servicing

Water: Potable water will be available to all campground users using two existing water taps located in the campground, plus an extra communal water point next to campsite 18. Alongside the communal potable water taps, servicing for water hook-ups will be available at all RV sites.

Electrical: Using the same trench excavation as the water servicing loop, all RV sites will be provided with an electrical hook-up.

C. Vehicular Circulation

Exits and Entries: The main route through the campground will be a road loop, entering and exiting on Turner Street. The primary entry to a predominantly one-way system will be from Turner Street. Campsites 15-19 will be accessed via a primary entry (doubling as a secondary exit for campsites 15-19) on Turner Street. There is a secondary entry on Leadville Street. This option removes any vehicle circulation on Water Street.

Road widths are proposed to be generally between 3.5 to 4.5 metres wide, depending on whether it is a primary or secondary route, and to account for the turning footprint of a 35 foot (10.6m) RV.

Roads will be graded to provide positive drainage. Topped with 200mm depth of gravel (minus material) compacted to appropriate SPD to provide a durable driving surface and reduce the impact on tree roots and soil erosion by heavy vehicle traffic.

D. Boat wash

The boat wash-off area has been repositioned further west on Leadville Street, closer to the boat launch. The associated water point should be extended. Location of the boat wash should be confirmed by a certified biologist at the detailed design stage to ensure it is located within required setback from Slocan Lake.

E. Boat Launch Parking

This space will be defined by existing jersey barriers and felled logs to provide up to nine parking spaces for trucks/SUVs with boat trailers. The parking surface should be graded to provide positive drainage. Parking surface should be topped with 200mm depth of gravel (minus material) compacted to appropriate SPD to provide a durable driving surface and reduce the impact on soil erosion by heavy vehicle traffic.

Dedicated Boat Launch Turn-around

A turning area for vehicles using the boat launch currently doubles as an entry into the campground. To lower the risk of conflict between different users, this area has been designed to be for vehicles using the boat launch only.

F. Signage

Guidelines will also be provided on a separate sign for the boat parking area.

Wooden campsite number/designation markers should be positioned to clearly mark each campsite.

There are four distinct campground zones in the concept, which can be identified with a name for the area, on a sign. This will help users identify their location and make the camping experience more memorable.

Various information signage for wayfinding, bear awareness, garbage protocols and washroom use should be included.

The existing kiosk should be upgraded to include current information, campground guidelines and map.

There is an opportunity to create a “Lakeside Campground” entry sign, which could include collaboration with local artists.

G. Communal Space

There is an area in the heart of the campground over the existing septic field and next to the washroom facilities that cannot be built or parked on, but can function as a communal space for campground users. The area could be left open as a multi-functional space. Seating and picnic tables could be placed as needed.

Communal Picnic Area

There is an area in the centre of the campground (adjacent to the existing Communal Space) that is open and will include picnic tables to serve as an additional Communal area.

H. Boat Launch

Alongside the boat vehicle parking upgrades, the boat launch will be “squared” with a concrete surface to facilitate smoother access to the lake. A separate floating canoe launch/deck is proposed to run adjacent to the boat launch on the north side.

I. Wood Store

The wood store will be kept in its existing position.

J. Beach

A pebbled beach nestles between Slocan Lake shoreline and the coniferous treed western edge of Lakeside Campground. At the raised edge of the four existing lakefront campsites are clusters of mature Yellow Cedars rooted in mounds of larger boulders. Driftwood is liberally distributed along the upper water line. The framed views to Slocan Lake and further to Valhalla Ranges and Provincial Park offer a prime setting for campsites along the lakefront.

Survey responses suggest that public access to other local beaches are popular for dog walkers and swimmers. The Village should continue to promote Coopers beach, The Slip (day park) and the mouth of Silverton Creek for public recreation. The beach next to Lakeside campground could be used primarily for campground users as a gathering space for communal enjoyment. Public access will still be possible.

Slocan Lake water levels fluctuate seasonally, shoreline campsites are vulnerable to soil erosion and a goal is to minimize shoreline environmental impacts, from trampling, vehicles or with hard infrastructure. Proposed designs will provide protection of the beach from erosion by vehicle travel, and campsites will be protected from flooding. A combination of bio-engineered green shore solutions using vegetation and boulder placement with raised elevation of campsites using wooden decking (see Figure 7, 8 and 9) will mitigate ecological issues associated with human activity in close proximity to aquatic environments. Detailed design and construction of shoreline protection should be done in coordination with environmental and engineering professionals.



Figure 7 Example of Wood Decking.



Figure 8 Example of Wood Decking Construction.



Figure 9 Example of Fire Pit in Wood Decking.

PERMITTING

The following section includes general information, estimated investment cost and scheduling for permitting. We may have over or under-estimated the level of permitting needed, however in the next phase(s), the permitting will be finalized in relation to the works approved and the proper process/permitting required for campground works. Please refer to **Appendix C: Costing** for a detailed breakdown of costs associated with permitting.

1. Development Permit

Lakeside Campground is within The Village of Silverton (VoS) development permit area and proposed works requires issuance of a Development Permit.

2. Federal and Provincial Permits

It is proposed that campsites along the shorefront of Slocan Lake, next to the stony beach, will require bio-engineered green shore methods to protect existing habitats and existing root zones. To reduce soil erosion by camping vehicles, construction of elevated decks as part of each shorefront campsite is proposed as well as crushed aggregate surfacing. Further options to widen the existing boat launch and addition of a floating canoe launch will invoke federal and provincial permitting requirements.

A. Request for Review Permit from Department of Fisheries and Oceans (DFO)

All types of construction within 30 metres from the high-water mark requires a Request for Review Permit from DFO.

The review will determine:

- Whether the project will impact an aquatic species at risk
- If activities can also result in the death of fish and the harmful alteration, disruption or destruction of fish habitat
- If the project will need authorization under the Fisheries Act

B. Change Approval and Notification Permit

As Lakes are under Provincial jurisdiction, a Change Approval and Notification Permit is required from the Provincial government.

A change approval is a written authorization to make complex changes in and around a stream. A notification is used for specified low risk changes in and around a stream that have minimal impact on the environment or third parties.

The application will be reviewed by the Water Manager at the Ministry of Forests, Lands, Natural Resource Operations and Rural Development (FLNRORD). Applications for change approvals are typically referred to other provincial and federal regulatory agencies for comment during the adjudication process. Consultation with Indigenous groups, other water users, community groups or other parties may be required if existing rights could be affected by the application.

The Water Manager will notify the applicant when a decision has been made.

C. Land Tenure Permit

The government may require a Land Tenure Permit if a portion of the work is located below the high-water mark. The estimated time for securing this permit is a year. Requirement for this permit will be dependent on the detailed design stages of the project. Designs could be limited to works above the high-water mark, and elements phased to accommodate permitting timelines.

D. Qualified Environmental Practitioner (QEP)

For all Federal and Provincial Permits, it will be required for a QEP to carry out an assessment as part of the process, as well as monitoring during construction stages.

3. Estimated Investment Cost

An estimated investment cost for permitting of **\$15,000** has been calculated in the detailed breakdown for soft costs in the costing tables in **Appendix C**. This is based on:

- Consultant time for completing applications and correspondence with **VoS**;
- Consultant time for construction drawings and details for proposed improvements;
- Permit application fees;
- **QEP** consulting services for foreshore assessment and construction monitoring (RP. Bio or P.Biol), and
- Liaison time for a consultant to correspond with applicable village, provincial and federal bodies.

4. Schedule

It is difficult to gauge review times for permitting, especially at federal and provincial level, 2-3 months is a conservative estimate for Request for Review Permit and Change Approval and Notification Permit, and will need to be factored into the approved detailed design and construction drawing phase(s).

COSTING HIGHLIGHTS

The following summarizes the highlights of the costing for the final concept. Please see **Appendix C** for complete costing tables.

- **Total projected investment cost (over 5 years):** \$550,000
- **Total net return revenue (over 5 years):** \$469,000 (Refer to **Appendix C** for a detailed breakdown/source of figures)
- **Positive payback period:** Year 6 (this does not include grant funding)
- Vehicle circulation layout has changed from the existing configuration, increasing costs of construction for new roads
- All RV campsites are serviced by water and electrical hook-ups, which is an initial cost, but does mean an increase in site fees as a premium and better ROI in the long term
- Some proposed campsite features and boat launch improvements will act as incentive for funding opportunities, this includes the bear bins and bioengineering to shorefront camp sites to reduce sediment transfer and erosion control along Slocan Lake beach
- Opportunities for charging a fee to use the boat parking facility could be a future source of revenue
- Campground user experience will be improved by:
 - Enhanced soft landscaping, tree and understory planting
 - Upgraded signage
 - New, well-draining and protective driving & camping surfaces
 - Community/Gathering space amenity in centre of Campground
 - Community picnic area, extending the gathering space amenity
 - Water & Power hook-ups to RV sites
 - Improved boat launch parking
 - Proposed addition of a canoe launch and existing boat launch widening

APPENDIX A: SITE INVENTORY MAP

P:\Projects\2014\2014 Lakeside Campground\2014 Lakeside Campground\2014 Lakeside Campground - Site Inventory Map.dwg

| Tree Ref # | Species | Circumference (cm) | DWH (cm) | Ht (m) | Condition | Comments |
|------------|---------|--------------------|----------|--------|-----------|-------------------------------------------------------|
| T801 | Cy | 102 | 10 | 18.1 | | South-facing slope |
| T810 | Cy | 130 | 11 | 25 | | |
| T811 | Cy | 79 | 10 | 14.1 | | |
| T812 | Cy | 145 | 10 | 19.5 | | |
| T813 | Cy | 118 | 12 | 21 | | |
| T814 | Cy | 128 | 10 | 18.5 | | |
| T815 | Cy | 91 | 10 | 14 | | |
| T816 | Fal | 29 | 0 | 2.9 | | |
| T817 | Fa | 14 | 1 | 2.6 | | |
| T818 | Sp | 11 | 4 | 3.5 | | |
| T819 | Sp | 9 | 3 | 3.6 | | poor |
| T820 | Fal | 28 | 8 | 3.5 | | poor |
| T821 | Fal | 186 | 14 | 15.2 | | |
| T822 | Fal | 37 | 12 | 5.2 | | |
| T823 | Fal | 37 | 8 | 2.9 | | |
| T824 | Cy | 27 | 25 | 5.5 | | missing canopy |
| T825 | Cy | 84 | 27 | 14.4 | | |
| T826 | Fa | 30 | 10 | 5.5 | | |
| T827 | Fal | 38 | 10 | 7.4 | | fair/young |
| T828 | Cy | 77 | 25 | 11.0 | | wooded area habitat tree (old, yellow jacket tree) |
| T829 | Sp | 9 | 1 | 1.4 | | |
| T830 | Sp | 10 | 3 | 1.7 | | |
| T831 | Sp | 8 | 3 | 1.6 | | |
| T832 | Fal | 221 | 28 | 11.1 | | |
| T833 | Fal | 195 | 41 | 10.2 | | |
| T834 | Cy | 78 | 34 | 12.0 | | |
| T835 | Cy | 87 | 28 | 5 | | |
| T836 | Cy | 28 | 24 | 12.2 | | |
| T837 | Cy | 28 | 25 | 10.5 | | |
| T838 | Cy | 73 | 23 | 14.3 | | |
| T839 | Cy | 81 | 26 | 10.1 | | |
| T840 | Cy | 43 | 20 | 11.2 | | |
| T841 | Fal | 16 | 11 | 12.1 | | |
| T842 | Cy | 24 | 14 | 12.5 | | |
| T843 | Cy | 16 | 18 | 10.0 | | |
| T844 | Cy | 82 | 16 | 4.0 | | |
| T845 | Cy | 78 | 25 | 10.4 | | |
| T846 | Cy | 88 | 38 | 7.8 | | |
| T847 | Cy | 16 | 16 | 1.6 | | |
| T848 | Ex | 15 | 8 | 1 | | |
| T849 | Ex | 38 | 12 | 10.4 | | Clump of Birch, Smart shrub (100' 36-42x135-29) |
| T850 | Cy | 84 | 27 | 13.0 | | |
| T851 | Cy | 115 | 27 | 12.0 | | |
| T852 | Ex | 34 | 17 | 4 | | |
| T853 | Fal | 30 | 11 | 4.1 | | |
| T854 | Cy | 107 | 34 | 15.0 | | |
| T855 | Fal | 5 | 2 | 3.8 | | |
| T856 | Cy | 190 | 32 | 10.4 | | |
| T857 | Ex | 12 | 12 | 4.3 | | |
| T858 | Cy | 160 | 29 | 13.5 | | |
| T859 | Fal | 11 | 4 | 0.6 | | |
| T860 | Cy | 12 | 23 | 14.5 | | |
| T861 | Cy | 118 | 38 | 14.7 | | |
| T862 | Cy | 123 | 38 | 10.3 | | |
| T863 | Cy | 111 | 35 | 17.9 | | Clump of 3 stems (100' 85x13x138) |
| T864 | Cy | 96 | 30 | 11.3 | | |
| T865 | Cy | 110 | 38 | 14.0 | | Clump of 4 stems (100' 100x13x147) |
| T866 | Fal | 38 | 12 | 6.1 | | |
| T867 | Cy | 18 | 11 | 14.0 | | |
| T868 | Cy | 103 | 37 | 13.6 | | |
| T869 | Fal | 13 | 8 | 3.5 | | |
| T870 | Fal | 19 | 6 | 3 | | |
| T871 | Fal | 10 | 11 | 10.2 | | |
| T872 | Fal | 11 | 10 | 7.7 | | |
| T873 | Cy | 134 | 43 | 10.3 | | |
| T874 | Cy | 137 | 42 | 20.6 | | |
| T875 | Sp | 8 | 7 | 1.8 | | |
| T876 | Cy | 105 | 11 | 21.1 | | |
| T877 | Cy | 117 | 36 | 15.8 | | |
| T878 | Fal | 40 | 20 | 13.8 | | |
| T879 | Fal | 86 | 27 | 20.6 | | |
| T880 | Fal | 18 | 8 | 11.4 | | |
| T881 | Fal | 113 | 36 | 21 | | |
| T882 | Fal | 18 | 11 | 10.7 | | |

Cy = Yellow Cedar/Xanthoxypis nootkatensis
 Fal = Interior Douglas Fir/Pseudotsuga menziesii
 Sp = Spruce/Picea (unknowns, likely hybrid)
 N = Cherry/Prunus (unknowns/hybrid species)
 Ex = Birch/Betula (unknowns or hybrid)



LEGEND - EXISTING

- - - - - PROPERTY LINE
- - - - - LIMIT OF WORK
- OVERHEAD POWER LINE
- UNDERGROUND POWER (APPROXIMATE)
- UNDERGROUND WATER MAIN (APPROXIMATE)
- * - WATER POINT
- - LAMP POST
- BOULDERS/RIP-RAP
- PICNIC TABLE
- LOG
- WOODEN FENCE
- CONCRETE BARRIER
- HEDGE LINE
- - EXISTING TREE & TREE REF.#
- EXISTING GRADE (APPROX.) FROM LIDAR DATA
- SLOPE (WIDE EDGE, TOP)

APPENDIX B: FINAL CONCEPT & CONCEPT OPTIONS

1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00 25:00 26:00 27:00 28:00 29:00 30:00 31:00 32:00 33:00 34:00 35:00 36:00 37:00 38:00 39:00 40:00 41:00 42:00 43:00 44:00 45:00 46:00 47:00 48:00 49:00 50:00 51:00 52:00 53:00 54:00 55:00 56:00 57:00 58:00 59:00 60:00 61:00 62:00 63:00 64:00 65:00 66:00 67:00 68:00 69:00 70:00 71:00 72:00 73:00 74:00 75:00 76:00 77:00 78:00 79:00 80:00 81:00 82:00 83:00 84:00 85:00 86:00 87:00 88:00 89:00 90:00 91:00 92:00 93:00 94:00 95:00 96:00 97:00 98:00 99:00 100:00

CAMPSITE MIX

- ① - RV & FIFTH WHEEL CAMPSITE
- ② - RV & FIFTH WHEEL CAMPSITE
- ③ - RV & FIFTH WHEEL CAMPSITE
- ④ - RV & FIFTH WHEEL CAMPSITE
- ⑤ - RV CAMPSITE
- ⑥ - RV CAMPSITE
- ⑦ - RV CAMPSITE
- ⑧ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑨ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑩ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑪ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑫ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑬ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑭ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑮ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑯ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑰ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑱ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑲ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑳ CAMPSITE WITH OTENTIK PERMANENT STRUCTURE, DEDICATED FOR CAMPSITE ATTENDANT

TOTAL

- 7 RV CAMPSITES
- 12 TENT CAMPSITES
- 1 PERMANENT STRUCTURE
- 20 TOTAL CAMPSITES

ALL RV & PERMANENT STRUCTURE CAMPSITES WILL BE SERVICED BY A WATER AND POWER HOOK-UP



0 5 10 15 20 25M



LEGEND - FINAL OPTION

- DIRECTION OF VEHICLE TRAVEL
- PICNIC TABLE
- FIRE RING
- BEAR BINS
- TENT SITE
- DECK & RIP-RAP/BOULDER PLACEMENT
- SPLIT RAIL FENCING
- NEW TREE
- SHRUB & UNDERSTOREY PLANTING
- CAMPSITE GRAVEL SURFACE
- GRAVEL SURFACE FOR MAIN CIRCULATION
- 35ft RV
- 30ft FIFTH WHEEL WITH TRUCK
- LARGE SUV
- TRUCK (DODGE RAM 3500)
- CAMPSITE SIGN POST LOCATION
- NEW POWER HOOK-UP
- NEW WATER HOOK-UP
- NEW POWER LINE WITH INSPECTION BOX
- NEW WATER LINE WITH VALVE BOX
- POTENTIAL SHARED WATER WORKS EXCAVATION CORRIDOR

CAMP SITE MIX

- 1 - RV & FIFTH WHEEL CAMPSITE
- 2 - RV & FIFTH WHEEL CAMPSITE
- 3 - RV & FIFTH WHEEL CAMPSITE
- 4 - RV & FIFTH WHEEL CAMPSITE
- 5 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 6 - RV & FIFTH WHEEL CAMPSITE
- 7 - RV CAMPSITE
- 8 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 9 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 10 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 11 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 12 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 13 - RV CAMPSITE
- 14 - RV CAMPSITE
- 15 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 16 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 17 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 18 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 19 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 20 - RV & FIFTH WHEEL CAMPSITE DEDICATED FOR CAMPSITE ATTENDANT

TOTAL
 9 RV CAMPSITES
 11 TENT CAMPSITES
 20 TOTAL CAMPSITES



LEGEND - OPTION 1

- DIRECTION OF VEHICLE TRAVEL
- PICNIC TABLE
- FIRE RING
- BEAR BINS
- TENT SITE
- DECK & RIP-RAP/BOULDER PLACEMENT
- SPLIT RAIL FENCING
- NEW TREE
- SHRUB & UNDERSTOREY PLANTING
- CAMPSITE GRAVEL SURFACE
- GRAVEL SURFACE FOR MAIN CIRCULATION
- 35ft RV
- 30ft FIFTH WHEEL WITH TRUCK
- LARGE SUV
- TRUCK (DODGE RAM 3500)
- CAMPSITE SIGN POST LOCATION

SUPERSEDED DO NOT USE

- DIRECTION OF VEHICLE TRAVEL
- PICNIC TABLE
- FIRE RING
- BEAR BINS
- TENT SITE
- DECK & RIP-RAP/BOULDER PLACEMENT
- SPLIT RAIL FENCING
- NEW TREE
- SHRUB & UNDERSTOREY PLANTING
- CAMPSITE GRAVEL SURFACE
- GRAVEL SURFACE FOR MAIN CIRCULATION
- 35ft RV
- 30ft FIFTH WHEEL WITH TRUCK
- LARGE SUV
- TRUCK (DODGE RAM 3500)
- CAMPSITE SIGN POST LOCATION
- NEW POWER HOOK-UP
- NEW WATER HOOK-UP
- NEW POWER LINE WITH INSPECTION BOX
- NEW WATER LINE WITH VALVE BOX
- POTENTIAL SHARED WATER WORKS EXCAVATION CORRIDOR



CAMPSITE MIX

- ① - RV & FIFTH WHEEL CAMPSITE
- ② - RV & FIFTH WHEEL CAMPSITE
- ③ - RV & FIFTH WHEEL CAMPSITE
- ④ - RV & FIFTH WHEEL CAMPSITE
- ⑤ - RV CAMPSITE
- ⑥ - RV CAMPSITE
- ⑦ - RV CAMPSITE
- ⑧ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑨ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑩ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑪ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑫ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑬ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑭ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑮ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑯ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑰ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑱ - DRIVE-IN CAR TENT ONLY CAMPSITE
- ⑳ - CAMPSITE WITH OTENTIK PERMANENT STRUCTURE, DEDICATED FOR CAMPSITE ATTENDANT

TOTAL

7 RV CAMPSITES
 12 TENT CAMPSITES
 1 PERMANENT STRUCTURE
 20 TOTAL CAMPSITES

ALL RV & PERMANENT STRUCTURE CAMPSITES WILL BE SERVICED BY A WATER AND POWER HOOK-UP



CAMPSITE MIX

- 1 - RV & FIFTH WHEEL CAMPSITE
- 2 - RV & FIFTH WHEEL CAMPSITE
- 3 - RV & FIFTH WHEEL CAMPSITE
- 4 - RV & FIFTH WHEEL CAMPSITE
- 5 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 6 - RV & FIFTH WHEEL CAMPSITE
- 7 - RV CAMPSITE
- 8 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 9 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 10 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 11 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 12 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 13 - RV CAMPSITE
- 14 - RV CAMPSITE
- 15 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 16 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 17 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 18 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 19 - DRIVE-IN CAR TENT ONLY CAMPSITE
- 20 - RV & FIFTH WHEEL CAMPSITE
DEDICATED FOR CAMPSITE ATTENDANT
- 21 - RV & FIFTH WHEEL CAMPSITE
- 22 - RV & FIFTH WHEEL CAMPSITE
- 23 - RV & FIFTH WHEEL CAMPSITE

TOTAL

- 12 RV CAMPSITES
- 11 TENT CAMPSITES
- 23 TOTAL CAMPSITES

ALL RV CAMPSITES WILL BE SERVICED BY A WATER AND POWER HOOK-UP



LEGEND - OPTION 2

- DIRECTION OF VEHICLE TRAVEL
- PICNIC TABLE
- FIRE RING
- TENT SITE
- DECK & RIP-RAP/BOULDER PLACEMENT
- SPLIT RAIL FENCING
- NEW TREE
- SHRUB & UNDERSTOREY PLANTING
- CAMPSITE GRAVEL SURFACE
- GRAVEL SURFACE FOR MAIN CIRCULATION
- 35ft RV
- 30ft FIFTH WHEEL WITH TRUCK
- LARGE SUV
- TRUCK (DODGE RAM 3500)
- CAMPSITE SIGN POST LOCATION
- NEW POWER HOOK-UP
- NEW WATER HOOK-UP
- NEW POWER LINE WITH INSPECTION BOX
- NEW WATER LINE WITH VALVE BOX
- POTENTIAL SHARED WATER WORKS EXCAVATION CORRIDOR

SUPERSEDED DO NOT USE

SUPERSEDED DO NOT USE

PROJECT LOCATION: 1600 WEST 10TH AVENUE, SUITE 100, DENVER, CO 80202. CLIENT: LEES ASSOCIATES. DATE: 10/20/2023. DRAWING NO: LAKE-SIDE-CAMP-03-CONCEPT-01

APPENDIX C: COSTING

REVENUE SUMMARY

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - REVENUE SUMMARY

| | ESTIMATED AMOUNT (\$) ENTIRE (OVER 5 YEARS) | ESTIMATED AMOUNT (\$) YEAR 1 [2021] | ESTIMATED AMOUNT (\$) YEARS 2&3 | ESTIMATED AMOUNT (\$) YEARS 4&5 | |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|---------------------------------|-----------------------|
| 1 | CAMPSITE - PROJECTED REVENUE (ANNUAL/2021) | \$ 882,360.00 | \$ 176,472.00 | \$ 352,944.00 | \$ 352,944.00 |
| 2 | SHOWER - PROJECTED REVENUE (ANNUAL/2021) | \$ 13,075.00 | \$ 2,615.00 | \$ 5,230.00 | \$ 5,230.00 |
| 3 | SUB TOTAL | \$ 895,435.00 | \$ 179,087.00 | \$ 358,174.00 | \$ 358,174.00 |
| 4 | PROJECTED CAMPSITE OCCUPANCY ADJUSTMENT: (Above figures show revenue projections with campsites at full occupancy, 70% occupancy rate has been applied to account for reduction in use in shoulder season months (May and September) | \$ 626,804.50 | \$ 125,360.90 | \$ 250,721.80 | \$ 250,721.80 |
| 5 | GROSS REVENUE | \$ 626,804.50 | \$ 125,360.90 | \$ 250,721.80 | \$ 250,721.80 |
| 6 | OPERATIONAL COSTS (OVER FIVE YEARS) | \$ (157,550.00) | \$ (31,510.00) | \$ (63,020.00) | \$ (63,020.00) |
| 7 | TOTAL NET RETURN BALANCE (excluding applicable taxes) | \$ 469,254.50 | \$ 93,850.90 | \$ 187,701.80 | \$ 187,701.80 |

Assumption * The Village's operating expenses are expected to be paid from the municipal parks operating budget.

INVESTMENT COST SUMMARY

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - INVESTMENT COST SUMMARY

| | ESTIMATED AMOUNT (\$) ENTIRE (OVER 5 YEARS) | ESTIMATED AMOUNT (\$) PHASE A [2021] | ESTIMATED AMOUNT (\$) PHASE B [YEARS 2&3] | ESTIMATED AMOUNT (\$) PHASE C [YEARS 4&5] | |
|---|-----------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------|----------------------------------------------|--------------|
| 1 | HARD LANDSCAPE CONSTRUCTION | \$ 295,462.00 | \$ 159,169.00 | \$ 91,293.00 | \$ 45,000.00 |
| 2 | SOFT LANDSCAPE CONSTRUCTION | \$ 104,295.00 | \$ 63,795.00 | \$ 40,500.00 | \$ - |
| 3 | SOFT COSTS (CONSULTANT SERVICES) | \$ 90,000.00 | \$ 90,000.00 | \$ - | \$ - |
| 4 | SUB TOTAL | \$ 489,757.00 | \$ 312,964.00 | \$ 131,793.00 | \$ 45,000.00 |
| 5 | CONTINGENCY (15%) [APPLIED TO HARD & SOFT LANDSCAPE CONSTRUCTION ONLY] | \$ 59,963.55 | \$ 33,444.60 | \$ 19,768.95 | \$ 6,750.00 |
| 6 | TOTAL INVESTMENT COST | \$ 549,720.55 | \$ 346,408.60 | \$ 151,561.95 | \$ 51,750.00 |

Assumption * The Village's investment cost is expected to be paid from the municipal capital budget.

PAYBACK PERIOD SUMMARY

| Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - RETURN ON INVESTMENT (ROI)+ PAY BACK PERIOD SUMMARY | | | | | |
|-------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|-----------------------|-----------------------|-------------|
| | INVESTMENT COST | NET RETURN* | YEARLY BALANCE | CUMULATIVE BALANCE | ROI |
| YEAR 1 (2021) | \$ 346,408.60 | \$ 93,850.90 | \$ (252,557.70) | \$ (252,557.70) | -73% |
| YEAR 2 (2022) | \$ 75,780.98 | \$ 93,850.90 | \$ 18,069.93 | \$ (234,487.78) | 24% |
| YEAR 3 (2023) | \$ 75,780.98 | \$ 93,850.90 | \$ 18,069.93 | \$ (216,417.85) | 24% |
| YEAR 4 (2024) | \$ 25,875.00 | \$ 93,850.90 | \$ 67,975.90 | \$ (148,441.95) | 263% |
| YEAR 5 (2025) | \$ 25,875.00 | \$ 93,850.90 | \$ 67,975.90 | \$ (80,466.05) | 263% |
| 5YEAR TOTAL | \$ 549,720.55 | \$ 469,254.50 | \$ (80,466.05) | \$ (80,466.05) | -15% |
| YEAR 6 (2026) | \$ - | \$ 93,850.90 | \$ 93,850.90 | \$ 13,384.85 | |
| YEAR 7 (2027) | \$ - | \$ 93,850.90 | \$ 93,850.90 | \$ 107,235.75 | |
| YEAR 8 (2028) | \$ - | \$ 93,850.90 | \$ 93,850.90 | \$ 201,086.65 | |
| YEAR 9 (2029) | \$ - | \$ 93,850.90 | \$ 93,850.90 | \$ 294,937.55 | |
| YEAR 10 (2030) | \$ - | \$ 93,850.90 | \$ 93,850.90 | \$ 388,788.45 | |
| 10 YEAR TOTAL | \$ 549,720.55 | \$ 938,509.00 | \$ 388,788.45 | \$ 388,788.45 | 71% |

* Net Return = Gross Revenue minus Annual Operating Expenses

REVENUE BREAKDOWN

INVESTMENT COST BREAKDOWN

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED INVESTMENT COST + EXPENSE - DETAIL BREAKDOWN

| Ref.# | Item | Notes | Unit | Unit Amount | \$ Unit Rate | \$ Amount | Contractor (C) or Village Work Force (V) | Priority (1 high to 5 low) | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|---------|------------------------------------------------------------------|-------|----------------|-------------|--------------|--------------|------------------------------------------|----------------------------|---------------------------------------------------------------|
| | INVESTMENT COST | | | | | | | | |
| 1 | HARD LANDSCAPE CONSTRUCTION | | | | | | | | |
| 1A | SITE PREPARATION | | | | | | | | |
| 1A.1. | Mobilization/Demobilization | | | | | | C | 1 | A |
| 1A.1.1. | Mobilization/Demobilization | | ls | 1 | \$ 7,500.00 | \$ 7,500.00 | | | |
| | | | | | | \$ 7,500.00 | | | |
| 1A.2. | Demolition | | | | | | C | 1 | A |
| 1A.2.1. | Removal of fill material from 2019 tree removal work | | ls | 1 | \$ 2,000.00 | \$ 2,000.00 | | | |
| | | | | | | \$ 2,000.00 | | | |
| 1A.3. | Protection | | | | | | C | 1 | A |
| 1A.3.1. | Snow fencing around existing retained trees | | lm | 300 | \$ 10.00 | \$ 3,000.00 | | | |
| 1A.3.2. | Erosion & Sediment Control fencing along shoreline | | lm | 90 | \$ 10.00 | \$ 900.00 | | | |
| | | | | | | \$ 3,900.00 | | | |
| | | | | | | \$ 13,400.00 | | | |
| 1B | EARTHWORKS | | | | | | | | |
| 1B.1. | Excavation | | | | | | C | 2 | A |
| 1B.1.1. | Trenching for water lines | | lm | 288 | \$ 5.00 | \$ 1,440.00 | | | |
| 1B.1.2. | Trenching for power lines conduit | | lm | 205 | \$ 5.00 | \$ 1,025.00 | | | |
| 1B.1.3. | Footings/Foundations for deck structures to Lakeside campsites | | ls | 4 | \$ 2,000.00 | \$ 8,000.00 | | | |
| 1B.1.4. | Excavation for erosion protection measures at Lakeside campsites | | ls | 1 | \$ 5,000.00 | \$ 5,000.00 | | | |
| | | | | | | \$ 13,000.00 | | | |
| 1B.2. | Rough Grading | | | | | | C | 2 | A |
| 1B.2.1. | Levelling of campsites, new internal road layouts | | m ² | 3167 | \$ 2.00 | \$ 6,334.00 | | | |
| 1B.2.2. | Creating positive drainage to banks and planted areas | | m ² | 1353 | \$ 2.00 | \$ 2,706.00 | | | |
| 1B.2.3. | Boat Launch Parking Area | | m ² | 480 | \$ 2.00 | \$ 960.00 | | | |
| 1B.2.4. | Repositioned Boat Wash Area | | m ² | 80 | \$ 2.00 | \$ 160.00 | | | |
| | | | | | | \$ 10,160.00 | | | |
| 1B.3. | Fine Grading | | | | | | C | 2 | A |
| 1B.3.1. | Positive drainage for bases to roads and campsites | | m ² | 3167 | \$ 2.00 | \$ 6,334.00 | | | |
| 1B.3.2. | Boat Launch Parking Area | | m ² | 480 | \$ 2.00 | \$ 960.00 | | | |
| 1B.3.3. | Repositioned Boat Wash Area | | m ² | 80 | \$ 2.00 | \$ 160.00 | | | |
| | | | | | | \$ 6,334.00 | | | |
| | | | | | | \$ 29,494.00 | | | |

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED INVESTMENT COST + EXPENSE - DETAIL BREAKDOWN

| Ref.# | Item | Notes | Unit | Unit Amount | \$ Unit Rate | \$ Amount | Contractor (C) or Village Work Force (V) | Priority (1 high to 5 low) | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|---------|-----------------------------------------------------------|-------------------------|----------------|-------------|--------------|---------------|------------------------------------------|----------------------------|---------------------------------------------------------------|
| 1C | CAMPGROUND IMPROVEMENTS | | | | | | | | |
| 1C.1. | Driveway surface | | | | | | C | 3 | B |
| 1C.1.1. | Granular minus material | 200mm depth | m ³ | 185 | \$ 21.00 | \$ 3,885.00 | | | |
| | | | | | | \$ 3,885.00 | | | |
| 1C.2. | Boat launch Parking surface | | | | | | C | 3 | B |
| 1C.2.1. | Granular minus material | 200mm depth | m ³ | 96 | \$ 21.00 | \$ 2,016.00 | | | |
| | | | | | | \$ 2,016.00 | | | |
| 1C.2. | Repositioned Boat Wash Area surface | | | | | | C | 3 | B |
| 1C.2.1. | Granular minus material | 200mm depth | m ³ | 16 | \$ 21.00 | \$ 336.00 | | | |
| | | | | | | \$ 336.00 | | | |
| 1C.3. | Campsite vehicular surface | | | | | | C | 3 | B |
| 1C.3.1. | Granular minus material | 150mm depth | m ³ | 336 | \$ 21.00 | \$ 7,056.00 | | | |
| | | | | | | \$ 7,056.00 | | | |
| 1C.4. | Erosion protection measures at Lakeside campsites | | | | | | C | 3 | B |
| 1C.4.1. | Geotextile | | ls | 1 | \$ 2,500.00 | \$ 2,500.00 | | | |
| 1C.4.2. | Boulder placement | | ls | 1 | \$ 7,500.00 | \$ 7,500.00 | | | |
| 1C.4.3. | Fill material | | m ³ | 120 | \$ 150.00 | \$ 18,000.00 | | | |
| | | | | | | \$ 28,000.00 | | | |
| 1C.5. | Power Hook-ups | | | | | | C | 1 | A |
| 1C.5.1. | Upgrade and linking of wiring (breaker panel & metering) | | ls | 1 | \$ 5,000.00 | \$ 5,000.00 | | | |
| 1C.5.2. | Conduit & Wiring | | lm | 205 | \$ 20.00 | \$ 4,100.00 | | | |
| 1C.5.3. | Inspection boxes at junctions | | ea | 8 | \$ 40.00 | \$ 320.00 | | | |
| 1C.5.4. | Pedestal mounted hook-up outlet | | ea | 8 | \$ 100.00 | \$ 800.00 | | | |
| | | | | | | \$ 11,245.00 | | | |
| 1C.6. | Water Hook-ups | | | | | | C | 3 | A |
| 1C.6.1. | Existing main valve/s instalment (valve boxes & metering) | | ls | 1 | \$ 5,000.00 | \$ 5,000.00 | | | |
| 1C.6.2. | Waterlines/Connections | | lm | 252 | \$ 15.00 | \$ 3,780.00 | | | |
| 1C.6.3. | Inspection boxes at junctions | | ea | 8 | \$ 20.00 | \$ 160.00 | | | |
| 1C.6.4. | Pedestal mounted hook-up outlet | | ea | 8 | \$ 75.00 | \$ 600.00 | | | |
| | | | | | | \$ 10,980.00 | | | |
| 1C.7. | Upgrades to boat launch | | | | | | C | 3 | C |
| 1C.7.1. | Squaring off existing boat launch | Concrete addition | ls | 1 | \$ 25,000.00 | \$ 25,000.00 | | | |
| 1C.7.2. | Canoe launch | Floating deck structure | ls | 1 | \$ 20,000.00 | \$ 20,000.00 | | | |
| | | | | | | \$ 45,000.00 | | | |
| | | | | | | \$ 108,518.00 | | | |

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED INVESTMENT COST + EXPENSE - DETAIL BREAKDOWN

| Ref.# | Item | Notes | Unit | Unit Amount | \$ Unit Rate | \$ Amount | Contractor (C) or Village Work Force (V) | Priority (1 high to 5 low) | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|---------|--------------------------------------------|---------------------------------------------------------------------------------|------|-------------|--------------|---------------|------------------------------------------|----------------------------|---------------------------------------------------------------|
| 1D | CAMPSITE FEATURES | | | | | | | | |
| 1D.1. | Campsite Items | | | | | | V | 3 | A |
| 1D.1.1. | Fire Rings | | ea | 15 | \$ 250.00 | \$ 3,750.00 | | | |
| 1D.1.2. | Fire Rings - in decks | | ea | 4 | \$ 500.00 | \$ 2,000.00 | | | |
| 1D.1.3. | Picnic tables | Accessible construction | ea | 19 | \$ 1,000.00 | \$ 19,000.00 | | | |
| 1D.1.4. | Communal waterpoints | Clean | ea | 3 | \$ 300.00 | \$ 900.00 | | | |
| | | | | | | \$ 25,650.00 | | | |
| 1D.2. | Signage | | | | | | C | 1 | A |
| 1D.2.1. | Campsite markers | includes foundation | ea | 20 | \$ 200.00 | \$ 4,000.00 | | | |
| 1D.2.2. | Campground area name signs | includes foundation | ea | 4 | \$ 350.00 | \$ 1,400.00 | | | |
| 1D.2.3. | Kiosk upgrades | updated map | ls | 1 | \$ 2,500.00 | \$ 2,500.00 | | | |
| 1D.2.4. | Campground sign | | ls | 1 | \$ 3,500.00 | \$ 3,500.00 | | | |
| 1D.2.5. | Information signage | | ls | 1 | \$ 2,000.00 | \$ 2,000.00 | | | |
| | | | | | | \$ 13,400.00 | | | |
| 1D.3. | Split Rail Fencing | | | | | | C | 1 | A |
| 1D.3.1. | Split Rail Fencing | Five bar, zig zag pattern on concrete pads | lm | 425 | \$ 100.00 | \$ 42,500.00 | | | |
| | | | | | | \$ 42,500.00 | | | |
| 1D.4. | Boulders, Barriers & Logs | | | | | | V | 2 | A |
| 1D.4.1. | Boulders, Barriers & Logs | Definition to boat launch parking | ls | 1 | \$ 5,500.00 | \$ 5,500.00 | | | |
| | | | | | | \$ 5,500.00 | | | |
| 1D.5. | Lakefront campground elevated decks | | | | | | C | 2 | B |
| 1D.5.1. | Lakefront campground elevated decks | | ls | 4 | \$ 7,500.00 | \$ 30,000.00 | | | |
| | | | | | | \$ 30,000.00 | | | |
| 1D.6. | oTENTik building for site attendant | | | | | | C | 2 | B |
| 1D.6.1. | oTENTik building for site attendant | Includes decking & foundations | ls | 1 | \$ 20,000.00 | \$ 20,000.00 | | | |
| | | | | | | \$ 20,000.00 | | | |
| 1D.7. | Bear bins | | | | | | C | 1 | A |
| 1D.7.1. | Bear bins for garbage & recycling | Village workforces to remove refuse each week, bins include concrete foundation | ea | 2 | \$ 3,500.00 | \$ 7,000.00 | | | |
| | | | | | | \$ 7,000.00 | | | |
| | | | | | | \$ 144,050.00 | | | |
| | | | | | | \$ 295,462.00 | | | |

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED INVESTMENT COST + EXPENSE - DETAIL BREAKDOWN

| Ref.# | Item | Notes | Unit | Unit Amount | \$ Unit Rate | \$ Amount | Contractor (C) or Village Work Force (V) | Priority (1 high to 5 low) | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|--------|------------------------------------------------------------|---------------------------------------------|----------------|-------------|--------------|----------------------|------------------------------------------|----------------------------|---------------------------------------------------------------|
| 2 | SOFT LANDSCAPE CONSTRUCTION | | | | | | | | |
| 2.1. | Existing Trees, selective removal & making safe | | | | | | C | 1 | A |
| 2.1.1. | Existing Trees, selective removal & making safe | Includes grubbing of stumps | ea | 10 | \$ 1,000.00 | \$ 10,000.00 | | | |
| | | | | | | \$ 10,000.00 | | | |
| 2.2. | Coniferous Trees | | | | | | C | 2 | A |
| 2.2.1. | Coniferous Trees | includes overdigging and back-fill, staking | ea | 65 | \$ 500.00 | \$ 32,500.00 | | | |
| | | | | | | \$ 32,500.00 | | | |
| 2.3. | Shrubs | | | | | | C | 3 | B |
| 2.3.1. | Shrubs | 2m o.c., includes overdigging and back-fill | ea | 675 | \$ 50.00 | \$ 33,750.00 | | | |
| | | | | | | \$ 33,750.00 | | | |
| 2.4. | Ground cover | | | | | | C | 3 | B |
| 2.4.1. | Ground cover | 2m o.c. | ea | 675 | \$ 10.00 | \$ 6,750.00 | | | |
| | | | | | | \$ 6,750.00 | | | |
| 2.5. | Seeding | | | | | | C | 3 | A |
| 2.5.1. | Seeding | | m ² | 200 | \$ 5.00 | \$ 1,000.00 | | | |
| | | | | | | \$ 1,000.00 | | | |
| 2.6. | Growing medium | | | | | | C | 2 | A |
| 2.6.1. | Growing medium | 450mm depth to planted areas | m ² | 1353 | \$ 10.00 | \$ 13,530.00 | | | |
| | | | | | | \$ 13,530.00 | | | |
| 2.7. | Mulch | | | | | | C | 2 | A |
| 2.7.1. | Mulch | 100mm bark chippings | m ² | 1353 | \$ 5.00 | \$ 6,765.00 | | | |
| | | | | | | \$ 6,765.00 | | | |
| | | | | | | \$ 104,295.00 | | | |
| | | | | | | \$ 104,295.00 | | | |

Village of Silvertown - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED INVESTMENT COST + EXPENSE - DETAIL BREAKDOWN

| Ref.# | Item | Notes | Unit | Unit Amount | \$ Unit Rate | \$ Amount | Contractor (C) or Village Work Force (V) | Priority (1 high to 5 low) | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|-----------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------|-------------|--------------|--------------|------------------------------------------|----------------------------|---------------------------------------------------------------|
| 3 | SOFT COSTS (CONSULTANT SERVICES) | | | | | | | | |
| 3.1. | Electrical Engineer | | | | | | C | 2 | A |
| 3.1.1. | Electrical Engineer | Includes design, certification and inspection for general contractor | allow | 1 | \$ 15,000.00 | \$ 15,000.00 | | | |
| | | | | | | \$ 15,000.00 | | | |
| 3.2. | Plumbing Engineer | | | | | | C | 2 | A |
| 3.2.1. | Plumbing Engineer | Includes design, certification and inspection for general contractor | allow | 1 | \$ 12,500.00 | \$ 12,500.00 | | | |
| | | | | | | \$ 12,500.00 | | | |
| 3.3. | Landscape Architect | | | | | | C | 2 | A |
| 3.3.1. | Landscape Architect | Includes design, certification and inspection for general contractor | allow | 1 | \$ 25,000.00 | \$ 25,000.00 | | | |
| | | | | | | \$ 25,000.00 | | | |
| 3.4. | Permitting | | | | | | C | 2 | A |
| 3.4.1. | Permitting | See detailed breakdown 3.4.1a-3.4.1e | allow | 1 | \$ 15,000.00 | \$ 15,000.00 | | | |
| 3.4.1a | Consultant time for completing applications and correspondence with VoS | | | | \$ 2,200.00 | | | | |
| 3.4.1b | Consultant time for construction drawings and details for proposed improvements | Included in allowances for other listed consultants: Landscape Architect, Civil Engineer | | | \$ - | | | | |
| 3.4.1c | Permit application fees: | | | | \$ 800.00 | | | | |
| 3.4.1ci | VoS Development Permit | | | | \$ 300.00 | | | | |
| 3.4.1cii | Request for Review Permit from Department of Fisheries and Oceans (DFO) | | | | \$ - | | | | |
| 3.4.1ciii | Change Approval and Notification permit | | | | \$ 250.00 | | | | |
| 3.4.1civ | Land Tenure Permit | | | | \$ 250.00 | | | | |
| 3.4.1d | QEP consulting services for foreshore assessment and construction monitoring | | | | \$ 9,000.00 | | | | |
| 3.4.1e | Liaison time for a consultant to correspond with applicable village, provincial and federal bodies | | | | \$ 3,000.00 | | | | |
| | | | | | | \$ 15,000.00 | | | |
| 3.5. | Civil Engineer | | | | | | C | 2 | A |
| 3.5.1. | Civil Engineer | Includes design, certification and inspection for general contractor | allow | 1 | \$ 15,000.00 | \$ 15,000.00 | | | |
| | | | | | | \$ 15,000.00 | | | |
| 3.6. | Topographic Survey | | | | | | C | 1 | A |
| 3.6.1. | Topographic Survey | Includes overlays of property boundaries, easements and ROWs, by land surveyor | allow | 1 | \$ 7,500.00 | \$ 7,500.00 | | | |
| | | | | | | \$ 7,500.00 | | | |
| | | | | | | \$ 90,000.00 | | | |
| | | | | | | \$ 90,000.00 | | | |

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED INVESTMENT COST + EXPENSE - DETAIL BREAKDOWN

| Ref.# | Item | Notes | Unit | Unit Amount | \$ Unit Rate | \$ Amount | Contractor (C) or Village Work Force (V) | Priority [1 high to 5 low] | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|--------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------|-------------|--------------|--------------|------------------------------------------|----------------------------|---------------------------------------------------------------|
| | OPERATING EXPENSES | | | | | | | | |
| | | Campground open May 01 to September 30 (152 days / 21 weeks) | | | | | | | |
| 4 | OPERATIONAL COSTS (ANNUAL) | | | | | | | | |
| 4.1. | Adminlstration | | | | | \$ - | V | 3 | A |
| 4.1.1. | Booking campsites, automated system | | allow | 1 | \$ 2,500.00 | \$ 2,500.00 | | | |
| | | | | | | \$ 2,500.00 | | | |
| 4.2. | Weeding, Pruning, Plant Replacement | | | | | \$ - | C | 2 | A |
| 4.2.1. | Weeding, Pruning, Plant Replacement | contractor, time and materials basis, 8Hrs./month (5.25), plus additional \$750 for plant replacement, \$30Hr. | allow | 1 | \$ 2,010.00 | \$ 2,010.00 | | | |
| | | | | | | \$ 2,010.00 | | | |
| 4.3. | Campground Attendant | | | | | \$ - | C | 2 | A |
| 4.3.1. | Campground Attendant | 50% of campsite revenue | allow | 1 | \$ 25,000.00 | \$ 25,000.00 | | | |
| | | | | | | \$ 25,000.00 | | | |
| 4.5. | Honey Wagon Service | | | | | \$ - | C | 2 | A |
| 4.5.1. | Honey Wagon Service | Local service to pump out existing septic system | allow | 1 | \$ 2,000.00 | \$ 2,000.00 | | | |
| | | | | | | \$ 2,000.00 | | | |
| | | | | | | \$ 31,510.00 | | | |
| | | | | | | \$ 31,510.00 | | | |

APPENDIX D: PHASING SUMMARY

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED PHASING

| Ref.# | Item | Estimated Amount | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|-------|------|------------------|---------------------------------------------------------------|
|-------|------|------------------|---------------------------------------------------------------|

| | | | |
|----------|----------------------------------------------------|----------------------|---|
| 1 | HARD LANDSCAPE CONSTRUCTION | \$ 295,462.00 | |
| 1A | SITE PREPARATION | \$ 13,400.00 | |
| 1A.1. | Mobilization/Demobilization | \$ 7,500.00 | A |
| 1A.2. | Demolition | \$ 2,000.00 | A |
| 1A.3. | Protection | \$ 3,900.00 | A |
| 1B | EARTHWORKS | \$ 29,494.00 | |
| 1B.1. | Excavation | \$ 13,000.00 | A |
| 1B.2 | Rough Grading | \$ 10,160.00 | A |
| 1B.3. | Fine Grading | \$ 6,334.00 | A |
| 1C | CAMPGROUND IMPROVEMENTS | \$ 108,518.00 | |
| 1C.1. | Driveway surface | \$ 3,885.00 | B |
| 1C.2. | Boat launch Parking surface | \$ 2,016.00 | B |
| 1C.2. | Repositioned Boat Wash Area surface | \$ 336.00 | B |
| 1C.3. | Campsite vehicular surface | \$ 7,056.00 | B |
| 1C.4. | Erosion protection measures at Lakefront campsites | \$ 28,000.00 | B |
| 1C.5. | Power Hook-ups | \$ 11,245.00 | A |
| 1C.6. | Water Hook-ups | \$ 10,980.00 | A |
| 1C.7. | Upgrades to boat launch | \$ 45,000.00 | C |
| 1D | CAMPSITE FEATURES | \$ 144,050.00 | |
| 1D.1. | Campsite Items | \$ 25,650.00 | A |
| 1D.2. | Signage | \$ 13,400.00 | A |
| 1D.3. | Split Rail Fencing | \$ 42,500.00 | A |
| 1D.4. | Boulders, Barriers & Logs | \$ 5,500.00 | A |
| 1D.5. | Lakefront campground elevated decks | \$ 30,000.00 | B |
| 1D.6. | oTENTik building for site attendant | \$ 20,000.00 | B |
| 1D.7. | Bear bins | \$ 7,000.00 | A |

Village of Silverton - Lakeside Campground - FINAL CONCEPT OPTION - PROJECTED PHASING

| Ref.# | Item | Estimated Amount | Schedule phase (2021 [A], next 3 years [B], next 5 years [C]) |
|-------|------|------------------|---------------------------------------------------------------|
|-------|------|------------------|---------------------------------------------------------------|

| | | | |
|----------|-------------------------------------------------|----------------------|---|
| 2 | SOFT LANDSCAPE CONSTRUCTION | \$ 104,295.00 | |
| 2.1. | Existing Trees, selective removal & making safe | \$ 10,000.00 | A |
| 2.2. | Coniferous Trees | \$ 32,500.00 | A |
| 2.3. | Shrubs | \$ 33,750.00 | B |
| 2.4. | Ground cover | \$ 6,750.00 | B |
| 2.5. | Seeding | \$ 1,000.00 | A |
| 2.6. | Growing medium | \$ 13,530.00 | A |
| 2.7. | Mulch | \$ 6,765.00 | A |

| | | | |
|----------|-----------------------------------------|---------------------|---|
| 3 | SOFT COSTS (CONSULTANT SERVICES) | \$ 82,500.00 | |
| 3.1. | Electrical Engineer | \$ 15,000.00 | A |
| 3.2. | Plumbing Engineer | \$ 12,500.00 | A |
| 3.3. | Landscape Architect | \$ 25,000.00 | A |
| 3.4. | Permitting fees | \$ 15,000.00 | A |
| 3.5. | Civil Engineer | \$ 15,000.00 | A |
| 3.6. | Topographic Survey | \$ 7,500.00 | A |

| | | | |
|----------|-------------------------------------|---------------------|---|
| 4 | OPERATIONAL COSTS (ANNUAL) | \$ 31,510.00 | |
| 4.1. | Administration | \$ 2,500.00 | A |
| 4.2. | Weeding, Pruning, Plant Replacement | \$ 2,010.00 | A |
| 4.3. | Campground Attendant | \$ 25,000.00 | A |
| 4.5. | Honey Wagon Service | \$ 2,000.00 | A |

APPENDIX E: OTENTIK EXAMPLES

ANNEX A

PROJECT BRIEF & SCOPE OF WORK

OTENTIKS INSTALLATION, JASPER N.P.

INTRODUCTION

Select sites from across the country have been chosen to participate in the 100 Unit Project and are receiving Parks Canada's exclusive diversified accommodation product; the oTENTik tent. The expectation was to launch this new and exciting opportunity by the spring of 2013. Jasper Field Unit is one of the selected sites. Whistler Campground was chosen as the site for installing 10 oTENTik units. See appendices A, B & C for location map, site plan and site specific details respectively.

DESCRIPTION OF THE oTENTik

The oTENTik is Parks Canada's national accommodation product and is manufactured by Yourte.ca. The tent resembles a cross between an A-frame cabin and a prospector tent but offers a higher level of comfort. The oTENTik is a temporary structure with canvas-like material on the walls and roof and has a raised wooden floor. There is a large living area, separated from the sleeping area by a set of curtains. Beds are arranged to provide some privacy as well as allowing for storage space underneath. The oTENTik can comfortably accommodate up to six people and allows Parks Canada to offer a "turn-key" camping experience.

Further to the photos below, see Appendix C for detailed structural details.

Photographs of the oTENTik



Scope of Work
for
Site Specific Implementation

SITE PREPARATION

1. Remove existing timber in the ground which outlines existing tent pads. If pressure treated, timber is to be disposed of at a suitable disposal facility outside of the Park. If the timber is not pressure treated it can go to the Transfer Station burn pile (8 km east of the site on Hwy 16).
2. Rough grade and level locations for the 2'x2', 2"- thick patio stones that will support the twelve to fifteen 6"x6" support posts.
3. Install temporary erosion and sediment control measures if required.
4. Removal of trees as required to accommodate structures. Stumps to be cut at ground level. Tree removal permit must be obtained from Parks Canada.

CONSTRUCTION / ASSEMBLY OF "oTENTIK" UNITS

1. Installation Package and Addendum is available at the following link:
ftp://external:external@pcan2.ca. From here scroll down almost to the bottom to the file labelled
"otentiks – keep until Sept. 20, 2013"
2. Factory representatives may be able to provide 3 days of on-site training on the set-up/install of the first unit.
3. The Contractor is responsible for the transportation of the oTENTik packages from the Parks Canada operations compound to the construction site.
4. Floor/base is supported and leveled by fifteen 6"x6" post on 2'x2' concrete patio stones. Contractor must supply patio stones.
5. Assemble one oTENTik unit per site as per the Installation manual. Exact orientation will be identified by the Parks Canada representative. (Estimated time to assemble one unit is 3 days with a crew of 3)
6. The deck package that comes with each unit is 14' x 4'.

General site clean-up.

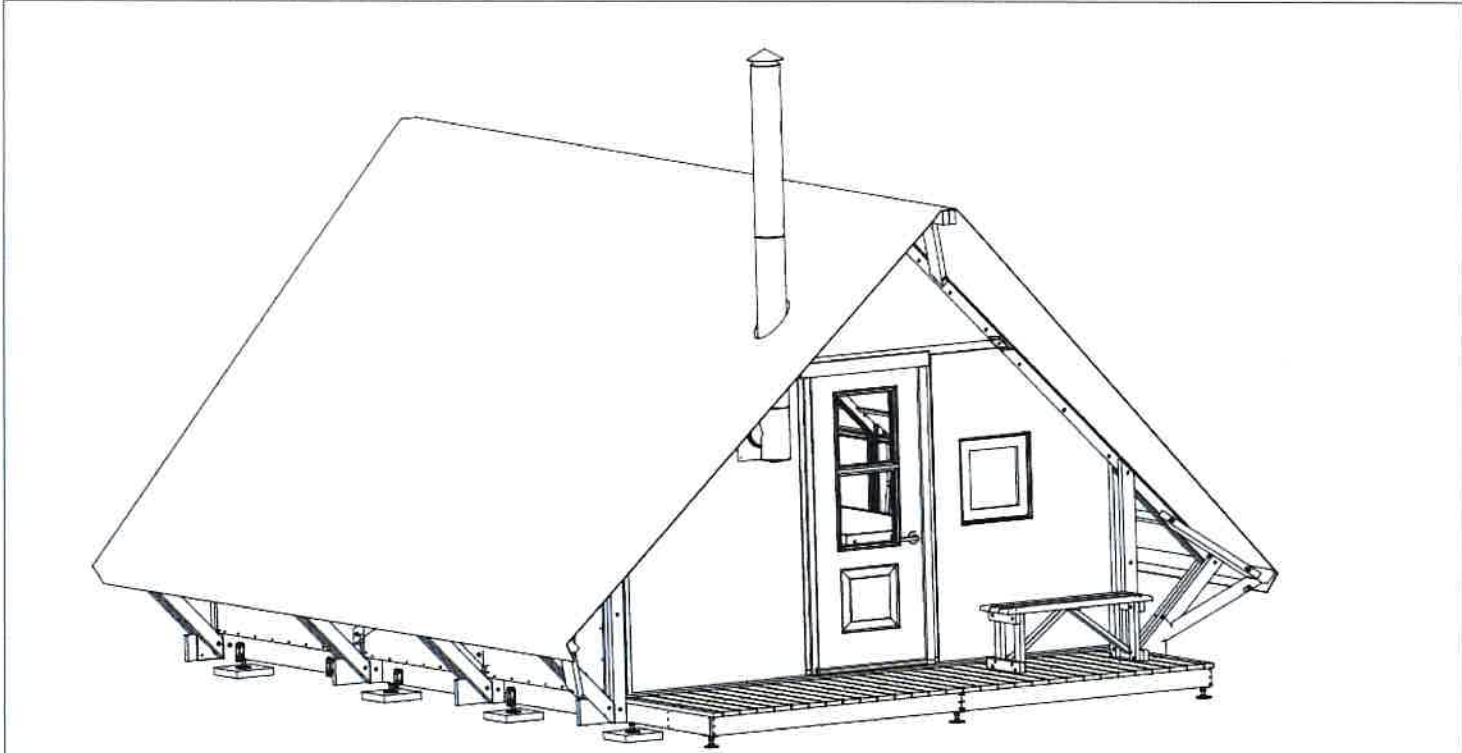
If required, restoration of areas affected by construction will be done through grading and application of Terraseeding™ compost and seed mix. This will be considered additional to the contract and will be dealt with through a change order process.

Annex C
Structural Details



Product Specifications

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Maximum capacity: | 6 adults |
| Dimensions: | |
| The total footprint of the PAC on the ground 5.9 x 7.3 meters (19 1/2 x 24 feet) | 42.5 m ² (456 feet ²) |
| The inside area of the PAC 4.3 x 5.3 meters (14 x 17 1/2 feet) | 22.8 m ² (245 feet ²) |
| The living area represents 62% of the inside area 4.3 x 3.4 meters (14 x 11 feet) | 14.1 m ² (153 feet ²) |
| The surface of the "dorm" 4.3 x 2 meters (14 x 6 1/2 feet) | 8.6 m ² (92 feet ²) |
| The surface of the deck 4.3 x 1.2 meters (14 x 4 feet) | 5.1 m ² (56 feet ²) |
| Characteristics: | |
| • Flysheet | |
| • Insulation (4 season version) | |
| ○ RSI (R) factor for the roof and floor | 2 (11) |
| ○ RSI (R) factor for the walls | 1.4 (8) |
| • Exterior and interior fabrics are fire and UV rays resistant. No sewing on the exterior fabric. Lifetime of the exterior fabric is 15 years and up, depending on the location. | |
| • Transitec flooring, 0.35 mm wear layer (optional). | |
| • Jotul cast iron wood stove. Chimney Excel ULCS-629 (optional). | |
| • The mattresses are foam (high density) covered with a waterproof fabric used for commercial use (Vintex). | |
| • Larch | deck |

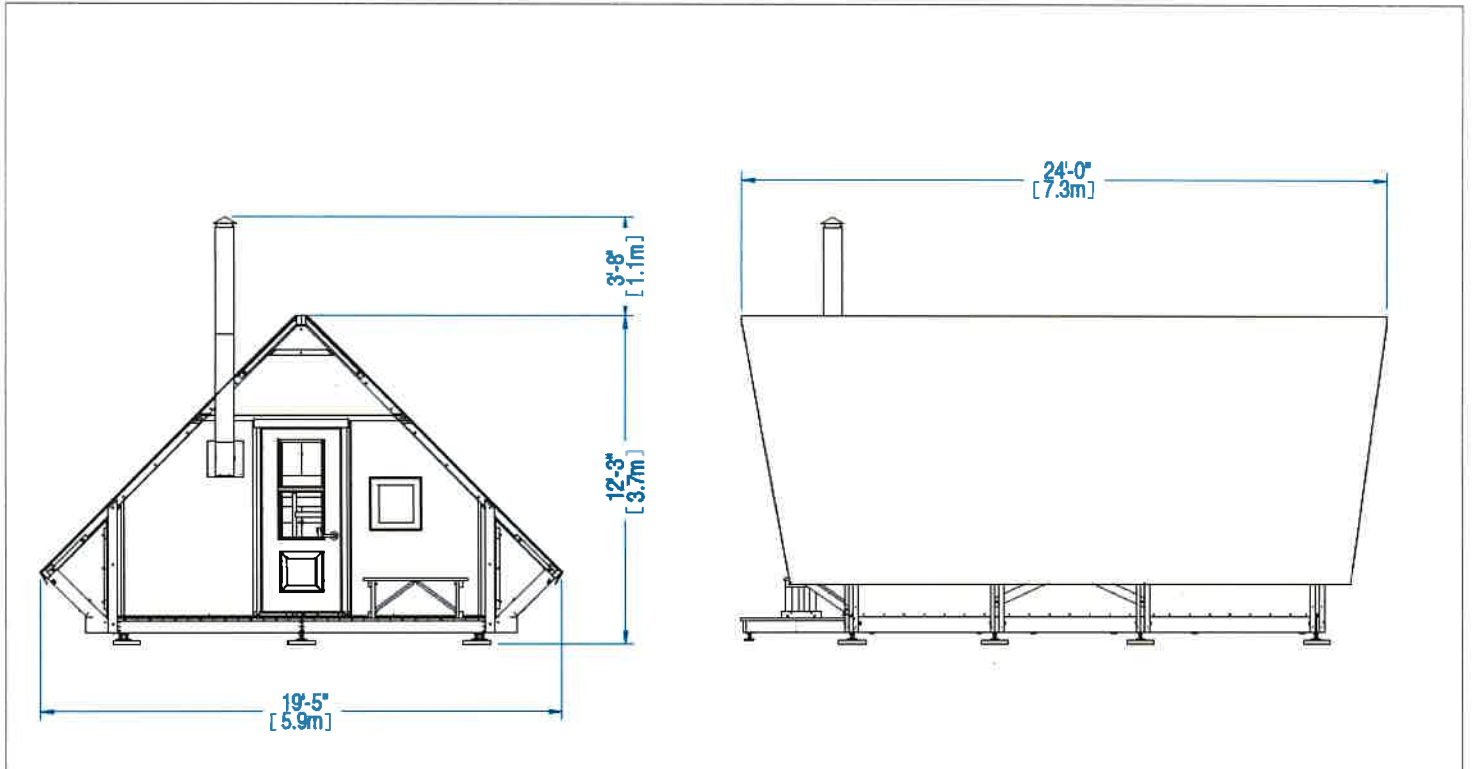


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| <p>NOTES ET COLÉRATIONS DÉTAILS ASSEMBLAGE GENERAL UTILISATEUR</p> <p>1. Lire attentivement les instructions de montage et les notices des matériaux utilisés.</p> <p>2. Vérifier la stabilité de la structure avant d'y entrer.</p> <p>3. Ne pas modifier la structure sans l'autorisation écrite de la compagnie.</p> <p>4. Ne pas utiliser de produits chimiques ou de produits inflammables sur la structure.</p> | | | |

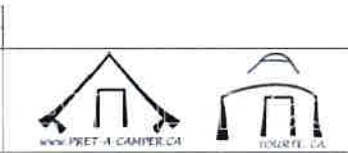


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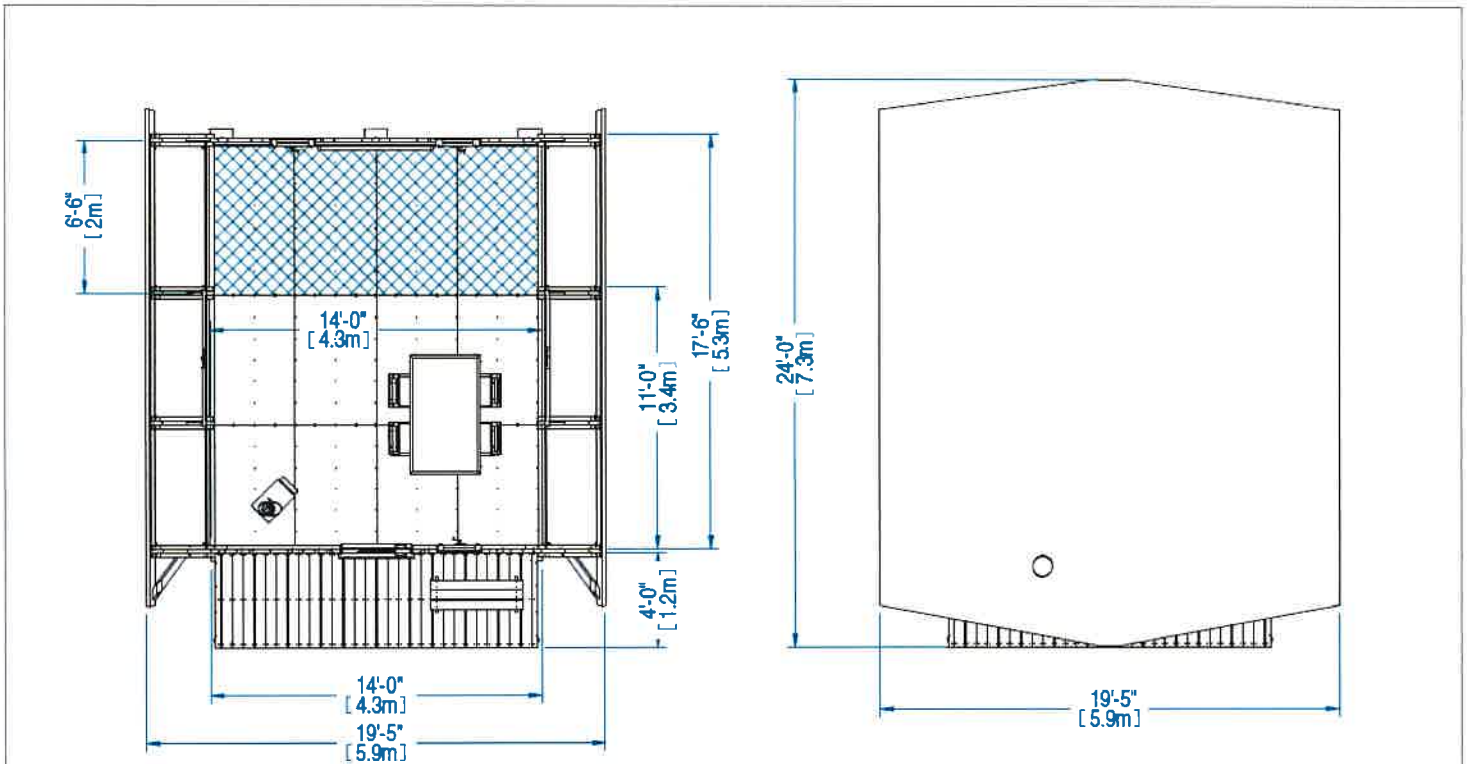


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| NOTES ET DIMENSIONS UNIVERSELLES EN MÈTRES (CONFORMÉMENT À LA NORME ISO 2591) | | | |
| www.pret-a-camper.ca | | | |

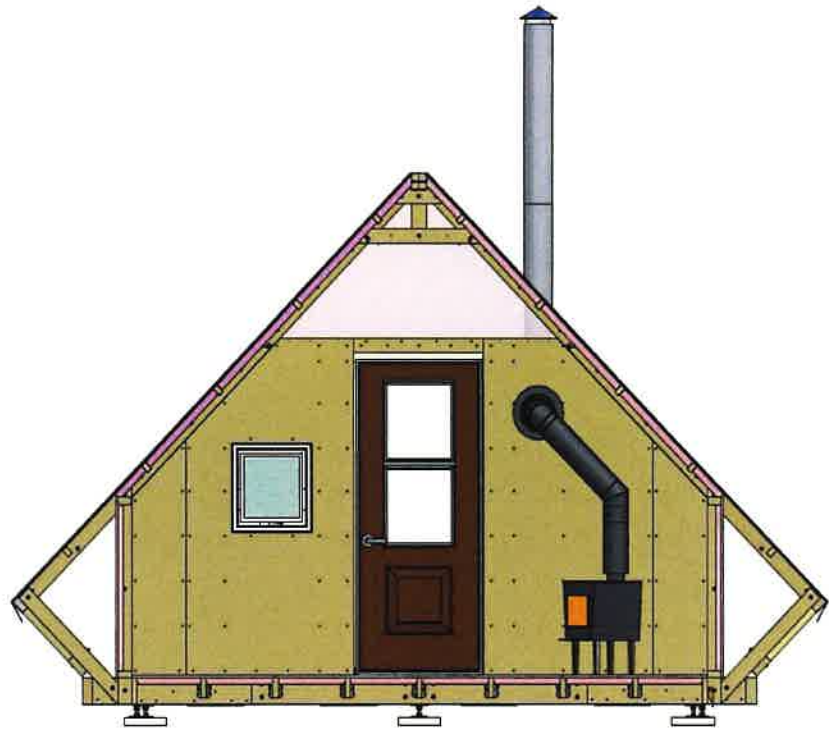


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| <p>REVUE</p> <p>NOUS RELEVONS VOS BESOINS ET VOUS OFFRONS LA MEILLEURE SOLUTION.</p> |  <p>www.PRET-A-CAMPER.CA</p> <p>TOURTE.CA</p> | <p>PRÊT À CAMPER</p> <p>VUE D'ENSEMBLE</p> <p>ASSEMBLAGE TOTAL</p> | <table border="1"> <tr> <td>Projeté par</td> <td>Christian Côté</td> <td>Approuvé par</td> <td></td> </tr> <tr> <td>Projeté le</td> <td>Y-T030-00-00R0.dwg</td> <td>Date</td> <td>2011-07-20</td> </tr> <tr> <td>Projeté par</td> <td>N/A</td> <td>Projeté par</td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: right;">Y-T030-00-00R0</td> </tr> </table> | Projeté par | Christian Côté | Approuvé par | | Projeté le | Y-T030-00-00R0.dwg | Date | 2011-07-20 | Projeté par | N/A | Projeté par | | | | Y-T030-00-00R0 | |
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| Projeté le | Y-T030-00-00R0.dwg | Date | 2011-07-20 | | | | | | | | | | | | | | | | |
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| <p>NOTE ET TOLERANCES GÉNÉRALES (à lire avant l'assemblage)</p> <p>1. Lire attentivement les instructions d'assemblage et les notices des matériaux.</p> <p>2. Vérifier l'absence de défauts de fabrication avant l'assemblage.</p> <p>3. Les dimensions sont données en millimètres (mm).</p> <p>4. Les tolérances sont de ± 1 mm.</p> <p>5. Les angles sont de 90° à moins d'indication contraire.</p> <p>6. Les surfaces à assembler doivent être propres et sèches.</p> <p>7. Les vis et boulons doivent être serrés à la main.</p> <p>8. Les vis et boulons doivent être serrés à l'aide d'une clé.</p> <p>9. Les vis et boulons doivent être serrés à l'aide d'une clé.</p> <p>10. Les vis et boulons doivent être serrés à l'aide d'une clé.</p> | | | |

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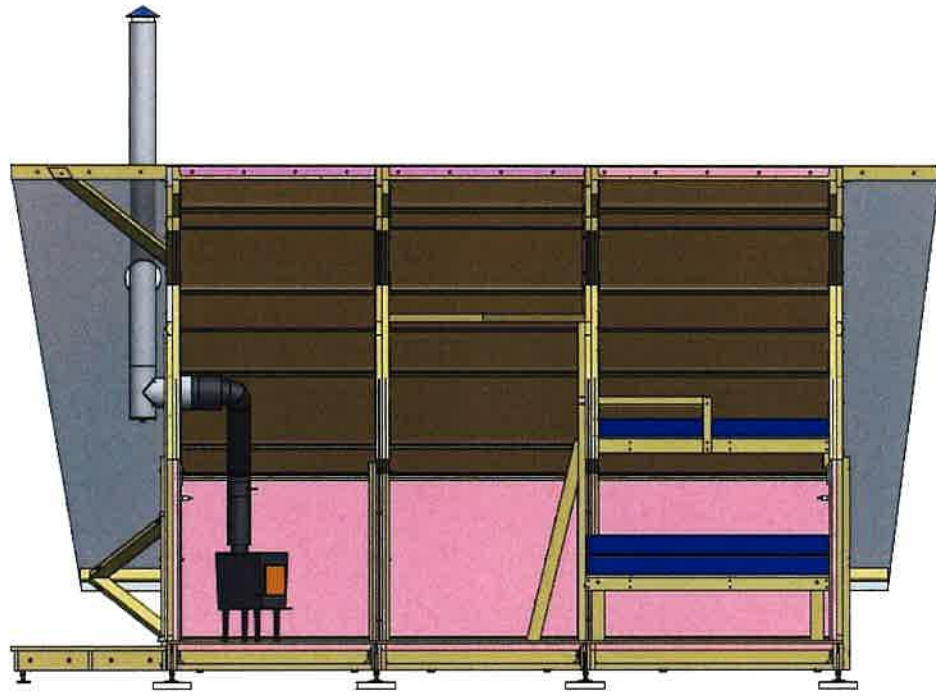
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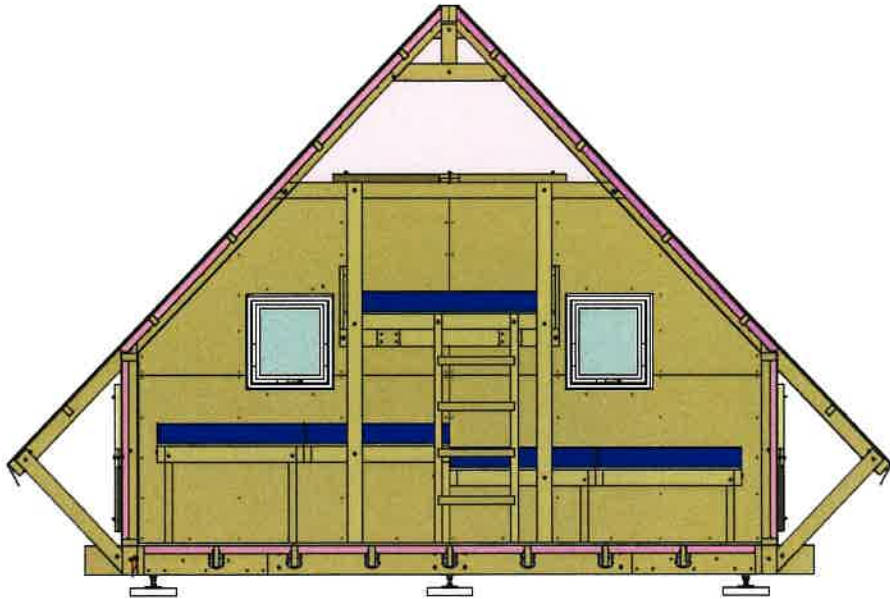
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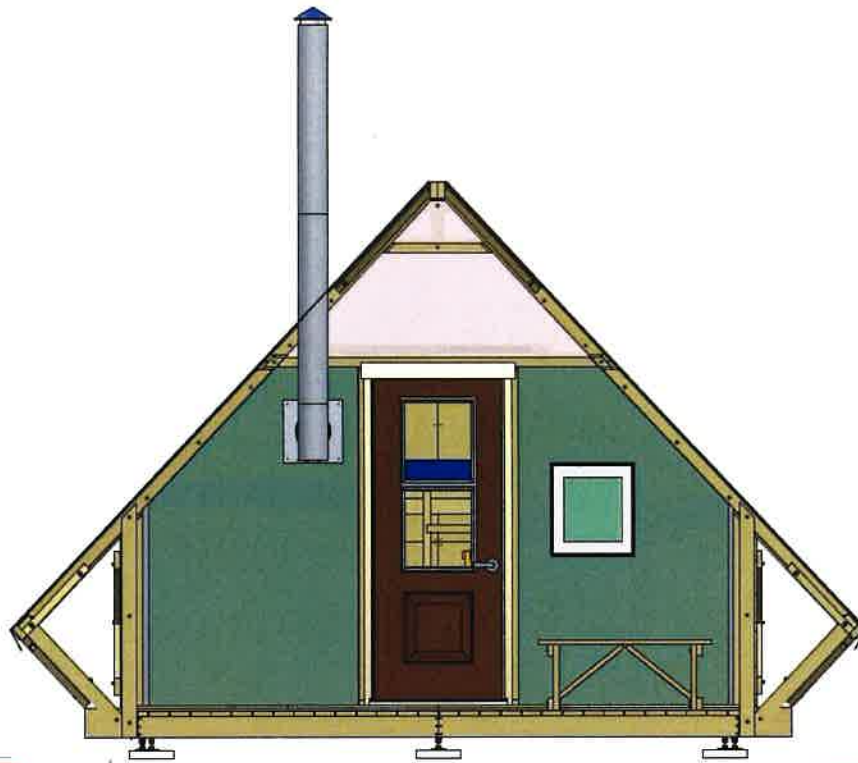
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| <small> 1.001 2011-07-25 Christian Côté Y-T030-00-00R0 </small> | <small> 1.001 2011-07-25 Christian Côté Y-T030-00-00R0 </small> | | |



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| N/A | N/A | N/A |
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Annex D

Environmental Assessment

The Environmental Assessment is available at the following FTP site. Please follow the instructions below to access this.

- I. Right click on the Start Button
- II. Select Explore or Open Windows Explorer (xp or win7)
- III. In the address bar type: **ftp://external:external@pcan2.ca**
- IV. Scroll down to the folder labelled "*Jasper National Park*", click on it and click on the sub folder labelled "*Jasper otentik documents (Keep until September 20, 2013)*". Date is 08/08/2013.

Annex E

Installation and Addendum Instructions

The installation and addendum instructions are available at the following FTP site. Please follow the instructions below to access this.

- III. Right click on the Start Button
- IV. Select Explore or Open Windows Explorer (xp or win7)
- III. In the address bar type: **ftp://external:external@pcan2.ca**
- IV. Scroll down to the folder labelled "*Jasper National Park*", click on it and click on the sub folder labelled "*Jasper otentik documents (Keep until September 20, 2013)*". Date is 08/08/2013.

Please contact Margot Simpson at 780-852-6255 if you are having difficulties accessing this site.



REGIONAL DISTRICT OF
CENTRAL KOOTENAY

Representing Diverse Communities in the Kootenays

Columbia Basin Trust CIP/AAP

Columbia Basin Trust Community Initiatives and Affected Areas Program Funding (CIP/AAP)

NOTICE: We want to hear from you!

Public engagement is an integral part of the Columbia Basin Trust Community Initiatives and Affected Areas Program Funding (CIP/AAP) process. Normally, public input into the grant awards would be received at community meetings held throughout the region every April. Due to the ongoing restrictions on public gatherings, the **online engagement tool** will be utilized again this year to ensure the grant process moves forward. This tool will allow the public to provide their feedback on proposed projects for the area in which they live.

The public engagement period will be from March 29, 2021 at 8:00 am to April 9, 2021 at 4:30 pm.

To participate in the public engagement process, please visit this website on or after March 29th.

A summary of each eligible project will be available for the public's review. A complete list of 2021 proposed projects will also be available.

Please note, the online engagement tool is not a voting system, but a way for the public to provide the feedback on projects they feel are most important to the area they live in. Once collected, all feedback will be shared with the adjudication committee of each of the 20 RDCK jurisdictions (11 electoral areas and nine municipalities) for their review and consideration. The adjudication committees will then provide their recommendations to the RDCK Board of Directors. **The RDCK Board of Directors will make the final project funding decision at the May 2021 RDCK Board Meeting and the results will be made available on this website.**

Coming Soon: 2021 Proposed Project Summaries by Area

Previously Funded Projects

[CIP/AAP - Funded Proposal in 2020](#)

[CIP/AAP - Funded Proposal in 2019](#)

[CIP/AAP - Funded Proposals in 2018](#)

The content on this page was last updated March 16 2021 at 12:45 PM

Phone: Lisa Rein, Grants Coordinator
(250) 352-8170
rdckgrants@rdck.bc.ca

From: Dan Elliott <DElliott@rdck.bc.ca>
Sent: March 16, 2021 1:05 PM
Subject: RDCK Media Release - Online engagement tool for Columbia Basin Trust Community Initiatives and Affected Area Program Funding (CIP/AAP) grants

**REGIONAL DISTRICT OF CENTRAL KOOTENAY
MEDIA RELEASE**

For immediate release
March 16, 2021

**Online engagement tool for Columbia Basin Trust Community Initiatives and Affected Area Program Funding (CIP/AAP) grants
We want to hear from you!**

[Click here](#) to view on the RDCK website

Nelson, BC: Public engagement is an integral part of the Columbia Basin Trust Community Initiatives and Affected Areas Program Funding (CIP/AAP) process. Normally, public input into the grant awards would be received at community meetings held throughout the Regional District of Central Kootenay every April. However, due to the ongoing restrictions on public gatherings, the online engagement tool will be utilized again this year to ensure the grant process moves forward. This tool will allow the public to provide their feedback on proposed projects for the area in which they live.

In 2020, the online engagement tool was very successful as a total of four thousand seven hundred and thirty (4730) entries were received. Once the public engagement period was complete, all feedback was shared with the adjudication committee of each of the 20 RDCK jurisdictions (11 electoral areas and nine municipalities) for their review and consideration. The adjudication committees then provided their recommendations to the RDCK Board of Directors.

Please note the online engagement tool is not a voting system, but a way for the public to provide the feedback on projects they feel are most important to the area they live in.

The public engagement period will be from **March 29, 2021 at 8:00 am to April 9, 2021 at 4:30 pm.**

To participate in the public engagement process, please visit the RDCK website at www.rdck.ca/cip-aap on or after March 29th.

Incorporated in 1965, the Regional District of Central Kootenay (RDCK) is a local government that serves 60,000 residents in 11 electoral areas and nine member municipalities. The RDCK provides more than 160 services, including community facilities, fire protection and emergency services, grants, planning and land use, regional parks, resource recovery and handling, transit, water services and much more. For more information about the RDCK, visit www.rdck.ca.

For further information, please contact:

Lisa Rein

Grant Coordinator

Regional District of Central Kootenay

Tel: 250.352.8170

Email: rdckgrants@rdck.bc.ca

For media enquiries:

Dan Elliott

Communications Coordinator

Regional District of Central Kootenay

Tel: 250.354.3476

Email: delliott@rdck.bc.ca