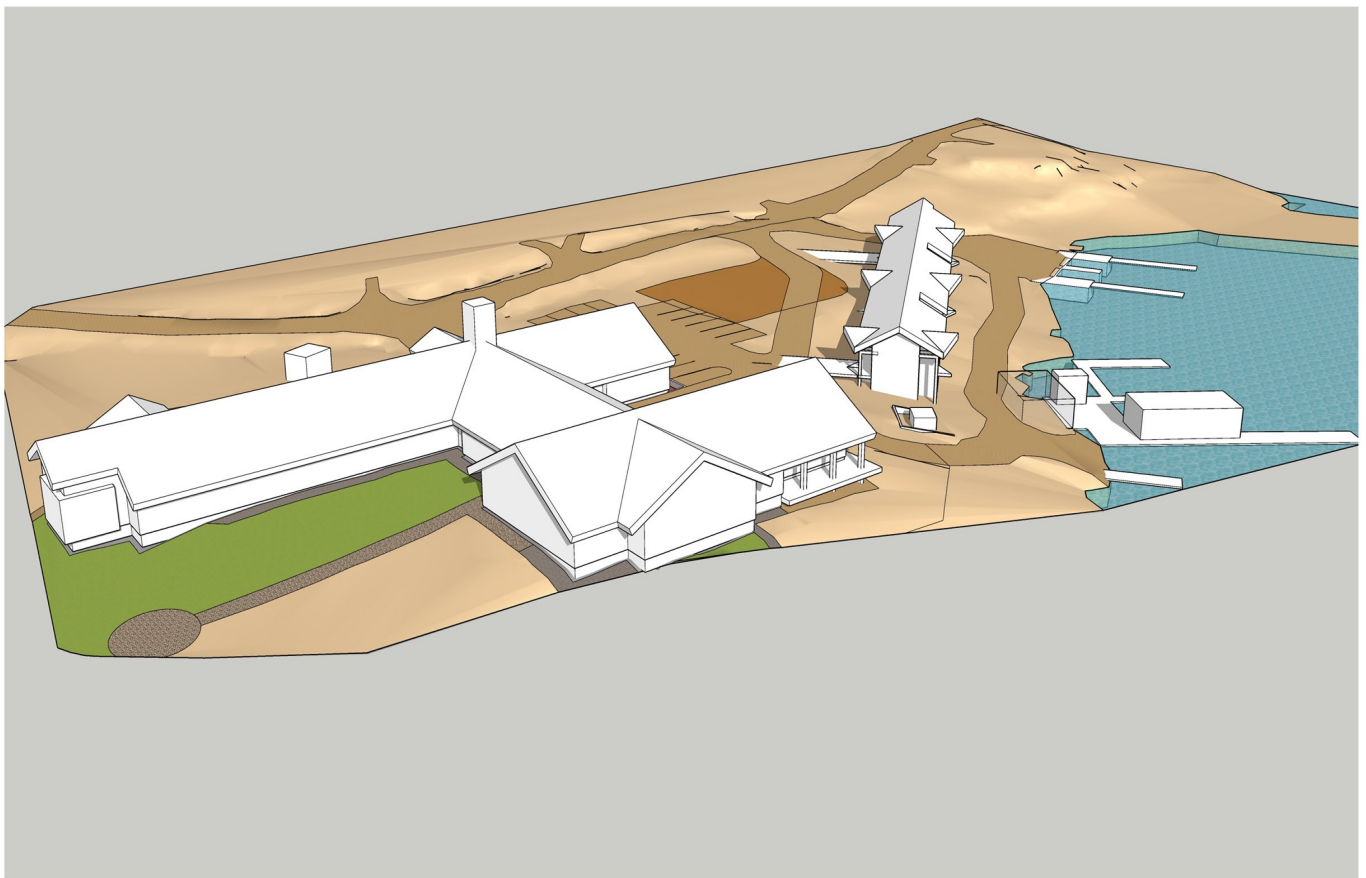


Capital Projects Update

by Jamie Koistinen

June 2018



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Capital Projects Department

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Capital Projects Administrator— Patrick Cormier

Council Portfolio—Michael Paul, Alternate—Chief Arnold Paul

Temagami First Nation Support Staff:

Virginia Paul—*Executive Director*, Vicky Blake—*Finance Manager*,

Tom Mathias—*Community Infrastructure Manager*

Community Members—Duane Paul, Tyler Paul and Bob Farr

Past Issue Summary

Hi Everyone

In the last update we covered contractor prequalification, evaluation and selection phases. We laid out details of the pre-qualification phase including minimum bidding requirements for contractors and the evaluation criteria used in the construction procurement phase.

We listed the 6 General Contractors that were pre-qualified for the Multi-Use Facility (MUF) project. Out of the six (6) General Contractors that prequalified, Quinan Construction Limited (QCL), was identified as the preferred contractor and was issued a letter of intent in late January while the fixed price contract was being finalized.

The timelines for the construction documents, pre-qualification and construction procurement were completed on time as we had set out to do last July—lets hope the construction goes without a hitch and is completed on time as well !

	2017												2018												2019		2020		
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	JUL	JUL						
SCHEMATIC DESIGN W CONSULTANT TEAM	█	█																											
DESIGN DEVELOPMENT			█	█																									
CONSTRUCTION DOCUMENTS					█	█	█	█	█																				
PREQUALIFICATION									█	█																			
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CONTRACT ADMINISTRATION													█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Start of Construction																													
POST CONSTRUCTION COMMISSIONING/ ONE YEAR WARRANTY REVIEW																													

In mid- March, trailers to set up the contractors camp were brought over to the island on the ice road. Thank you to everyone for their patience while this was taking place. A total of 8 buildings were brought over; 2 buildings for kitchen, cooking and dining facilities and 6 for accommodations and showering and washroom facilities for the workers.

In the update that follows, we will introduce the contractors and service providers and provide more information on who they are, where they're from and what they will be doing during the project as well as an update on the status of the project and what to expect to see in the coming weeks as the project begins to take place.

And now for the update

Quinan Construction Limited (QCL or Quinan) has been selected as the General Contractor and a fixed price contract has been successfully negotiated and finalized. QCL is a company based in Orillia that specializes in industrial, commercial and institutional (ICI) construction. The company was established in 2002 and is experienced in construction and renovation of various government facilities including hospitals, correctional facilities, Military facilities, police stations, schools, arenas, ambulance stations, etc... The construction value of their projects ranges from \$100,000 to \$25 million with the majority of their projects being located in Ontario and Nunavut. They employ approximately 55 people and are experienced in working in remote areas that pose unique logistical challenges. Quinan Construction will be responsible for site preparation and grading, excavation, trenching, backfilling, masonry, finished carpentry, preparation of interior walls and non-structural metal framing.

During the Tender evaluation process, Quinan committed to 20% local content, with dedication that they will be using local services and hiring local workforce to a minimum of 20% of their total bid. You may have noticed ads for various positions available with the contractor. This is part of their commitment to the local content is to hire local residents for some of the work they will be doing throughout the project. They have engaged sub-contractors to complete other works related to the project with information on each of them below.

Cordery Electric, will be responsible for Electrical site services, installation of electrical power distribution, lighting and controls, fire alarm installation and security system installation. Cordery Electric and Quinan Construction have worked together on past successful projects.

Green Vision Ltd. will be responsible for rough carpentry, insulation, vapour retarders, vapour and air barriers, siding and roofing. Green Vision is an independent general contracting business based out of North Bay. They were established in 2010 and offer a wide range of services for residential, commercial and institutional construction. They are looking at hiring much of their workforce locally.

Airco is responsible for installing the geothermal system with the assistance of **Packard Plumbing and Heating**. They will also install the Heating, Ventilation, and Air Conditioning (HVAC) mechanical system, installation of mechanical controls, sheet metal related to the HVAC system, system testing and balancing and the plumbing. Based out of Sudbury, Airco has been in business for over 30 years and is a 2nd generation family owned business servicing central and northern Ontario. They provide services related to ammonia refrigeration, refrigeration, HVAC, plumbing, electrical, sheet-metal and industrial combustion services.

Packard Plumbing and Heating Limited is a family owned business and was established in 1982. The business is located in Harley Township, just north of Temiskaming Shores and specializes in some of the most energy efficient and innovative products on the market. We are pleased that Packard Plumbing and Heating Limited was able to be included in a project of this magnitude. They have provided regular service and responded to emergency repair calls to Bear Island for a number of years.

All of the contractors are still looking for local workers to fill various positions including, labourers, equipment operators, carpenters (rough and finishing), electricians and roofers. TFN is gathering resumes and sending them to the General Contractor for their use. Interested individuals can send their resumes to projectadmin@temagamifirstnation.ca, fax to 705-237-8959 or drop it off in person at the Lands and Resources Office to the attention of Patrick Cormier or Jamie Koistinen.

The contractors' camp will be operated by Aramark. Aramark is an international company that provides food, facility and uniform services worldwide. They employ over 270,000 people and have been in business for over 80 years. They are responsible for cooking, cleaning and maintenance of the camp. You will have noticed the trailers for the camp located across from the Elder's building. You will see the trailers being moved around as the camp gets set up starting on June 12th with the camp expected to be fully operational by July. Aramark is still looking to hire local residents to help. Job ads are currently advertised on the TFN Website and Facebook Page.





TFN Staff met with the contractor and representatives from the Municipality of Temagami for permission to secure a temporary laydown/staging area at the Mine Landing. We are thankful for the Municipality's cooperation in securing a 50'x20' area in the Contractors Areas at the landing as shown below. This is set up to facilitate planning for moving material and equipment to and from Bear Island. Our Project isn't any more or less important than other contractors' projects on the lake, however, the size and scope of this project in comparison to most others is substantial. Essentially our project is comparable to building 16 new houses in a 12 month span.



Project Schedule

We are now in the Contract Administration Phase / Start of Construction which leads us right into and through the construction. (as shown on schedule on page 2)

Over the winter, 800 tonnes of aggregate and the concrete blocks for the foundation were brought over on the ice road. The ice held on this winter, boating wasn't easy until May 16th, which set back the project start date, however with all that we hauled over the winter we are confident that will allow us to maintain the construction schedule.

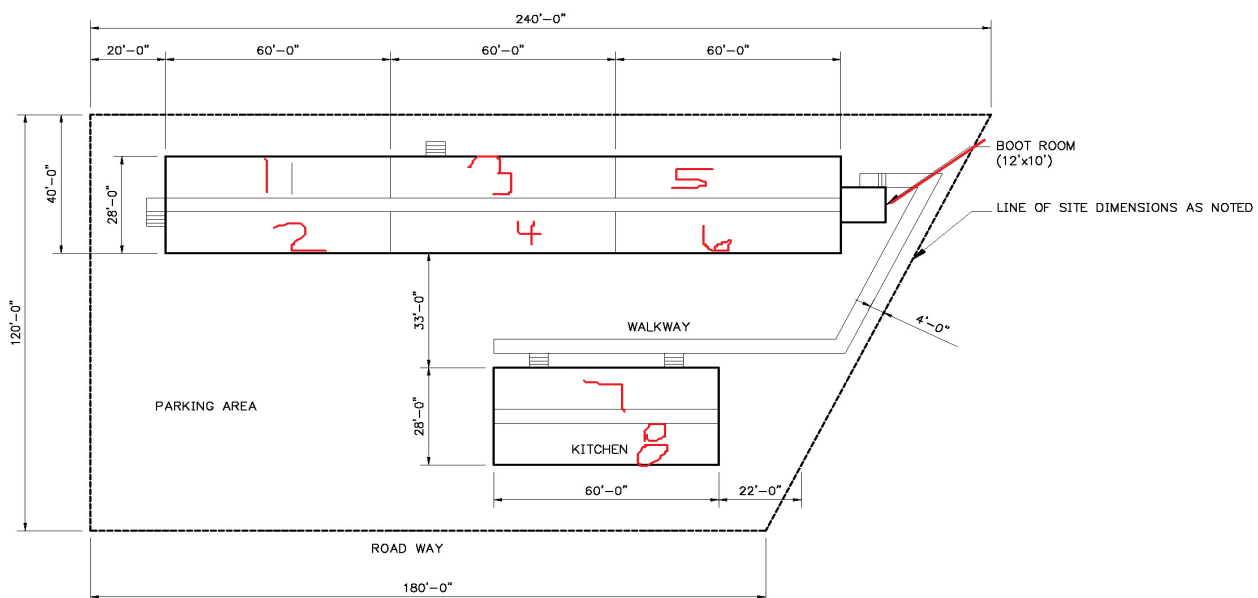
The week of May 28th—Quinan started to set up their laydown area at the end of the mine road mobilization of trailers, office and equipment. They had a survey crew come and complete the layout of the building and then fencing was set up all around the job site.

Following the approval of rebar shop drawings and concrete mix design, work on the foundation will begin the week of June 4th. Once the load restriction is off the Lake Temagami Access Road, you will see triaxles hauling aggregates down the road and barging to the construction site.

June 11-16th part of the Aramark crew will be onsite finalizing the set up of the contractor camp. Once the set up is complete it will resemble the picture below. All 6 of the dorms (1-6) will be connected and look like one long unit with a boot room built on the one end which would face Millie Whites house. The kitchen and dining hall (trailers 7 and 8) will also be attached and resemble one unit and will be closest to the road.

Once the trailers are in place, we then have to complete the hydro, water and sewer hookups.

The camp is expecting their first guests in the first week of July.



Blessing of the grounds...

Chi-miigwetch to Wayne Potts for his help in organizing the ceremony, the words he spoke provided an acknowledgement and honoring of the historical significance of the location our new Multi Purpose building holds ... the Point location, historically was the place where our people welcomed visitors.

There are journals of the settler population that tell of the greeting some of the first visitors from the settler population received as they arrived at the Island by canoe, they were greeted with feasting and celebration ... (a Bear Dance was held as well as a Rabbit Dance / Welcome Dance) ... then there was the era of entrepreneur, John Turner Senior and his legacy on the Point with the running the Lake View House which included hosting many a square dances for the summer folk from the Lake , Town of Temagami as well as the people from the Bear Island community. ... also the location on this site, of the Lands and Forest building , running their business affairs out of there for years. Many gatherings of the TAA were held at the Rec Center discussing and voting on the many issues related to the Land Claim Settlement, beginning in the '70's, through the 1980's into the '90's . Finally, the transition from those times to the Forestry Building becoming the Band Office and the Lakeview House being transformed into the Rec Center, where many community meetings and celebrations occurred over the years.

Chi-miigwetch also goes out to Alex Paul Sr. for offering tobacco and conducting the blessing of the grounds, Virginia McKenzie for the pipe ceremony and her words of wisdom and wishing success to the contractors and her hope that everyone remains safe during construction, and to Tyler Paul for blessing us with a song accompanied by his drum and everyone who took part in the ceremony.

I am incredibly honored to be part of this exciting project and take pride in it's importance to the future of our community and our people as a whole. The building will house our Government, the Administration and Land and Resources Staff, and a beautiful place for future celebrations, I look forward to taking part in the many functions and future gatherings here in the new building.



Community Bulletin

Re: Construction Site Fencing and Increased Traffic on Bear Island

As you may have noticed, construction is now underway for the MUF Project. The Contractor is setting up perimeter fencing to keep people off of the construction site so that the site stays safe and secure for the contractors and community residents. You received the notice of the shuttle now being located across from June Twain's dock. We attached a sketch of where the fencing is/will be for the duration of the project. Access to the helipad will stay available during the project. The red line represents the fencing and the black lines are to show where the road will be transitioning, Thank you for your patience while this project gets underway.

You will also notice that as the project gains momentum, there will be increased traffic on the Island. Most notably, dump trucks will be travelling to and from the barge landing and the construction site. We ask people to be cautious as these vehicles are more difficult to maneuver and stop than regular cars and trucks and ATVs.

This is a very large project and probably the first time that a project of this size has been seen by many residents and all children as the last major capital project was the water and sewer upgrade in 1998. We ask that you discuss the increased traffic with your children and ask that caution be taken when walking, biking or playing on or near the roads for the duration of this project. Parents, please discuss this with your children.

Again, thank you for your understanding and patience as the project progresses.



Callout for Resumes - Aramark

TFN has selected Aramark as the service provider for the contractors' camp located across from the Elders Building. We are assisting the Aramark in gathering resumes from interested Community and TFN members to provide to Aramark. They are seeking cooks, housekeeping staff and general help.

1st Cook is responsible for the proper and timely preparation of the food service as well as supervision of kitchen staff.

2nd Cook is responsible for assisting the Chef and other cooks with the daily menu preparation.

Camp Attendant is responsible for all daily housekeeping duties.

General Helper is responsible for maintaining cleanliness through out Aramark Remote Workplace Services kitchen facilities while assisting the culinary team with a variety of tasks.

Detailed job descriptions are available for all 4 above noted positions. Interested individuals can contact us as noted below to obtain a copy.

General Callout for Resumes

TFN has selected Quinan Construction Ltd. as the general contractor for the Multi-Use Facility (MUF) project. We are assisting the contractor in gathering resumes from interested Community and TFN members to provide to the contractors. They are seeking labourers and equipment operators to assist with site preparation and grading, excavating, trenching, backfilling, masonry, finished carpentry, preparation of interior walls and non-structural metal framing.

Quinan Construction Ltd. has retained a number of sub-contractors for the project that also require assistance with the following: Cordery Electric – Electrical services; Green Vision – Rough Carpentry, insulation, vapour / air barrier, roofing and siding; Airco & Packard Plumbing and Heating – Geothermal heating and plumbing installations.

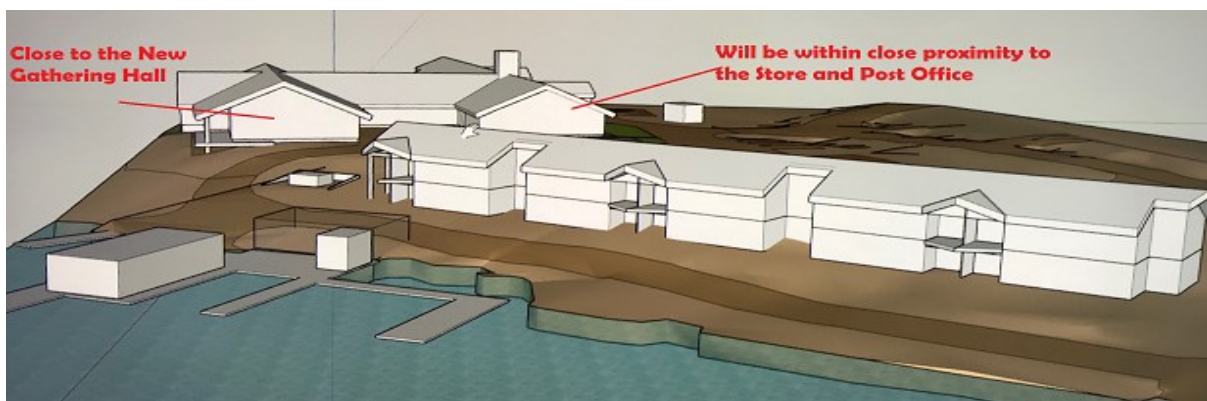
PowerTel is seeking labourers to fill any vacancies or staffing shortages needed for the D2L Transmission Line Refurbishment Project noted in the March 2018 B.I. Blast.

Resumes will be collected by TFN and shared with contractors who will then contact individuals directly.

Elders Project Update

Although we are excited the construction has begun on the MUF, the Construction Management Team is working hard to complete the redesign of the Elders Complex. As you may have noticed from the cover photo of this newsletter the Elders Complex will be situated beside the MUF.

Some of the advantages of building here, will be that everyone has a view of the lake and you are within walking distance to the store. Also it's a short walk across the parking lot to attend any function being held at the Gathering Hall. The red arrow below is actually pointing to the kitchen entrance as the hall is closer to Hugh's house.



Here you will notice that all 5 of the upper units will have a balcony while the 5 lower units have a patio separated by a privacy wall. The dark brown represents a new road that will allow vehicle access to each of the lower units while the upper units will have vehicle access by the back side facing the warehouse.

The lower right image is a better view of 2 upper balconies and 2 lower patios. In the same image you can see that we have included a terrace allowing some privacy and separation from the potential vehicle traffic.

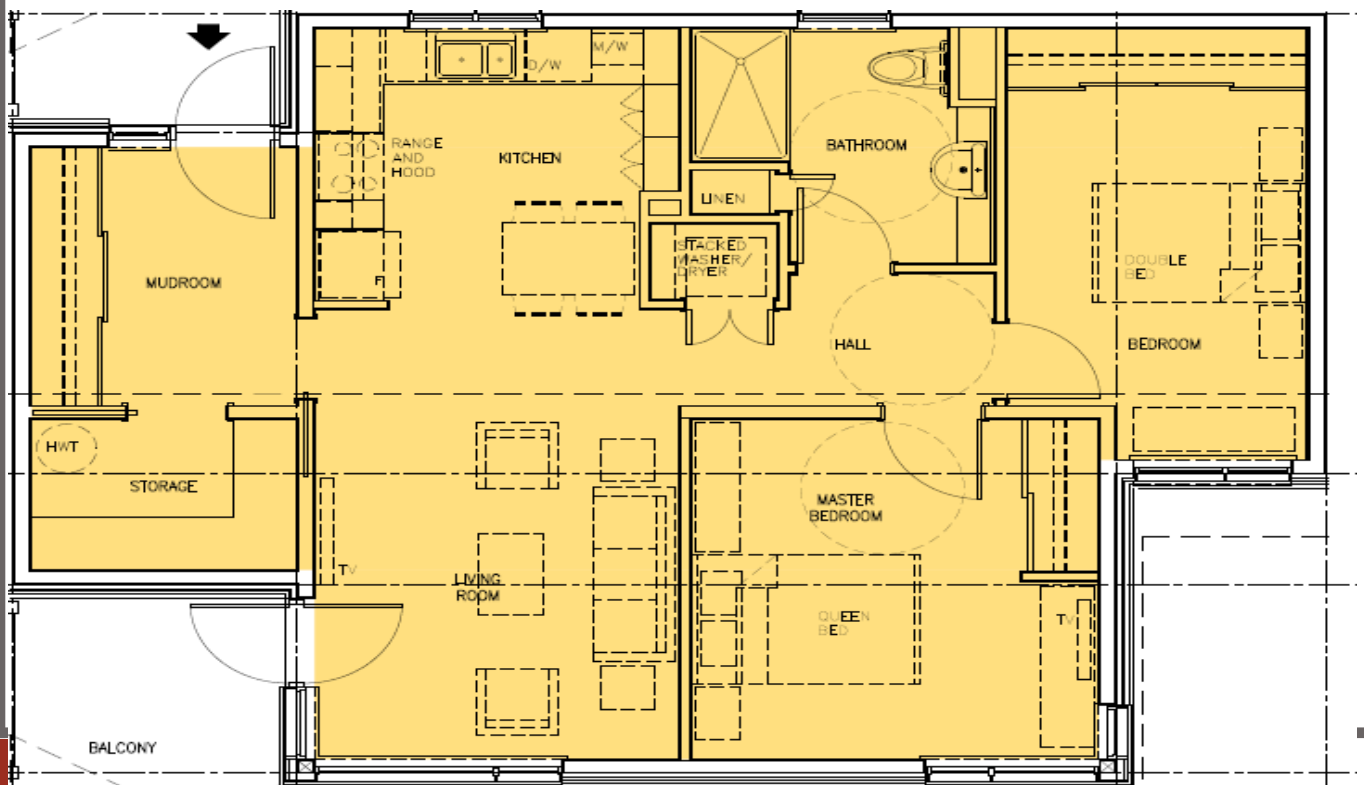


Elders Project Update

Currently we are still in the design development stages—below is a second draft of the interior design. The design was presented and was well received by those who attended Mach’s community consultation.

This image represents one of the upper units of the 10plex and is approximately 850sq/ft. The main access from upper units would be from the side facing the warehouse. When you first enter the unit, you walk into the mudroom with a whole wall of closet to house all of your outdoor gear for every season. Off the mudroom you will notice a storage room—this could store your walker, freezer, Christmas tree but will also have your hot water heater and electrical panel. From the mudroom you walk into the open concept kitchen and living space.

Currently the dining table had space for 4 but you could easily rotate the table and add more chairs to accommodate guests if you want to host a family dinner or have your friends over for cards. Off the living room is access to the balcony to admire your lake views. The windows in the master and spare bedroom will allow you to also capture the lake views. In each of the bedrooms you will also find ample closet space. The units are designed to be barrier free—the circles represents a turning radius should you need the assistance of a walker or wheelchair. The lower units mirror the upper however the balcony would be replaced with a patio and the mud and storage rooms would be flipped.





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In Summary

The project is getting off the ground and expect to see progress at the sites beginning the week of May 28th. Be aware of the increased traffic and discuss this with your children to avoid safety concerns with the increased traffic and equipment on the roads.

As the contractors begin to mobilize to the construction site, you will begin seeing more and more traffic on the island and a lot of activity at the worksite and at the camp. We ask residents to be cautious on the roadways as the large equipment and trucks are more difficult to maneuver and stop than your typical smaller vehicles. **Please discuss this with your children as well to make sure that everyone stays safe during this busy summer. The contractor is developing a traffic control plan that will later be shared with the community.**

Along with being busy on the Island, the landings will be getting busy too and we ask that residents and contractors take that into **consideration when travelling down the Lake Temagami Access Road—allow yourselves extra time** as the big trucks are not easy to pass. The contractor is trying to avoid disrupting local residents and contractors at peak times throughout the day for the duration of the project but there's bound to be some delays.

Look forward to providing regular progress updates on the projects.

If you have any questions regarding the project, please feel free to contact us;

Jamie Koistinen, Capital Project Manager,
or Patrick Cormier, Capital Project Administrator,
At the Lands and Resources Office 705-237-8600