

FEASIBILITY STUDY

**PHASE 1**

Red Island Contractors Inc. +  
BDA Landscape Architects +  
Roy Consultants +  
EVOQ Architecture

**Kciw Knicanewek  
Sports and  
Recreation Park**

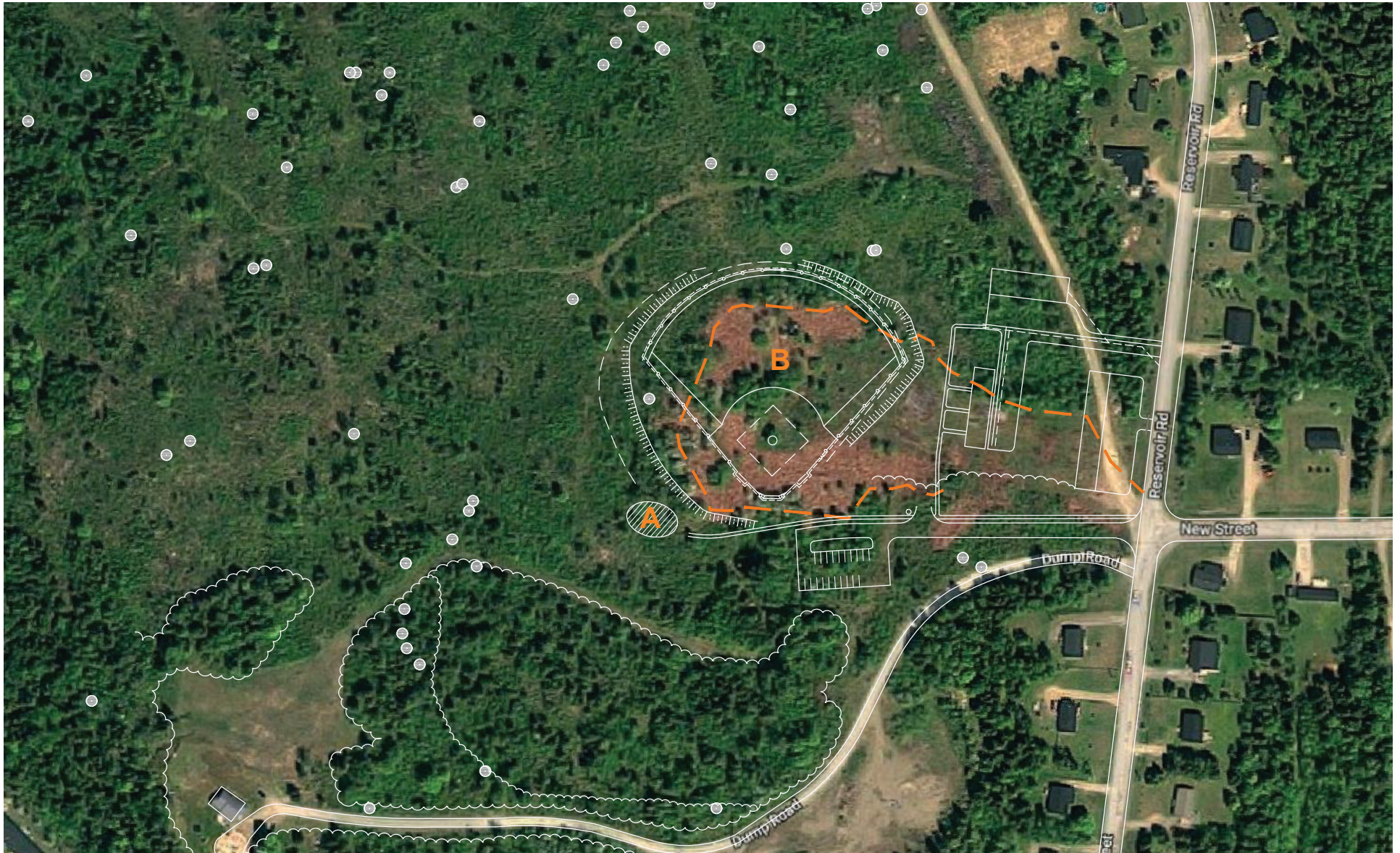
TOBIQUE FIRST NATIONS, NB

JUNE 6, 2019





# PHASE 1 - Park plan



- A Splash Pad
- B Baseball Diamond

- Former Dump
- Existing Butternut Trees (Protected Species At Risk)

## PHASE 1 - Cost Estimate

Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
<b>1.0</b>	<b>Clearing/Grubbing and Excavation</b>				
1.1	Erosion Control	1	lump	\$6 945.00	\$6 945.00
1.2	Clearing and Grubbing	1.4	Ha	\$46 300.00	\$64 820.00
1.3	Common Excavation	6469	cu.m.	\$4.63	\$29 949.16
1.4	Stockpile Surplus	12943	cu.m.	\$4.63	\$59 926.09
1.5	Geotechnical Investigation & Dumpsite Assessment (for the entire site)	1	lump	\$13 000.00	\$13 000.00
				<b>1.0 Subtotal</b>	<b>\$174 640.25</b>
<b>2.0</b>	<b>Sewer and Water</b>				
2.1	Waterline (from Reservoir Rd to Splashpad)	1	lump	\$70 000.00	\$70 000.00
2.2	Sewer Line (from Reservoir Rd to manhole)	1	lump	\$29 000.00	\$29 000.00
				<b>2.0 Subtotal</b>	<b>\$99 000.00</b>
<b>3.0</b>	<b>Entry Road (from Reservoir Rd.) &amp; Parking</b>				
3.1	Granular base/subbase	899	sq.m.	\$60.00	\$53 960.00
				<b>3.0 Subtotal</b>	<b>\$53 960.00</b>
<b>6.0</b>	<b>Landscaping</b>				
6.1	Deciduous Trees, Coniferous Trees, and Shrubs	1	lump	\$37 500.00	\$37 500.00
6.2	150mm Topsoil and Hydroseed	11043	sq.m.	\$9.00	\$99 382.50
				<b>6.0 Subtotal</b>	<b>\$136 882.50</b>
<b>8.0</b>	<b>Splash Pad</b>				
8.1	Splash Pad and Equipment	1	lump	\$90 000.00	\$90 000.00
				<b>8.0 Subtotal</b>	<b>\$90 000.00</b>
<b>10.0</b>	<b>Baseball Diamond</b>				
10.1	Playfield Installation	1	lump	\$150 000.00	\$150 000.00
10.2	Fence	1	lump	\$70 000.00	\$70 000.00
				<b>10.0 Subtotal</b>	<b>\$220 000.00</b>
<b>14.0</b>	<b>Electrical Service</b>				
14.1	Overhead Services to Park Entrance, Underground along Park Access Road	1	lump	\$90 000.00	\$90 000.00
				<b>14.0 Subtotal</b>	<b>\$90 000.00</b>
				<b>SUBTOTAL</b>	<b>\$864 482.75</b>
				15% Contingency	\$129 672.41
				<b>TOTAL CONSTRUCTION COST</b>	<b>\$994 155.16</b>
				15% Design & Engineering	\$149 123.27
				5% Project Management	\$49 707.76
				<b>TOTAL PROJECT COST (taxes not included)</b>	<b>\$1 192 986.19</b>