

# Securities Calculation Estimate

Project Number: D3858

## Bloom Resorts Sandbanks

### Summary

<b>1.0</b>	<b><i>Water Distribution</i></b>	<b>\$</b>	<b><i>102,344.50</i></b>
<b>2.0</b>	<b><i>Sanitary Collection</i></b>	<b>\$</b>	<b><i>166,991.50</i></b>
<b>3.0</b>	<b><i>Electrical</i></b>	<b>\$</b>	<b><i>154,816.00</i></b>
<b>4.0</b>	<b><i>Roads</i></b>	<b>\$</b>	<b><i>205,787.90</i></b>
<b>5.0</b>	<b><i>Stormwater Management</i></b>	<b>\$</b>	<b><i>64,617.09</i></b>
<b>6.0</b>	<b><i>Grading and Erosion Control</i></b>	<b>\$</b>	<b><i>235,960.90</i></b>
<b>7.0</b>	<b><i>Landscaping and Restoration</i></b>	<b>\$</b>	<b><i>93,195.00</i></b>
	<b>Sub Total</b>	<b>\$</b>	<b><i>1,023,712.89</i></b>
	H.S.T. 13%	<b>\$</b>	<b><i>133,082.68</i></b>
	<b>Total</b>	<b>\$</b>	<b><i>1,156,795.57</i></b>
	<b>TOTAL OF SECURITIES (10%)</b>	<b>\$</b>	<b><i>115,679.56</i></b>



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Part No.	Item	Description	Unit	Qty.	Unit Cost	Total
<b>1.0</b>	<b>Water Distribution</b>					
1.1	19mm Ø HDPE Water Services		m	174.9	\$ 110.00	\$ 19,239.00
1.2	38mm Ø HDPE Water Mains		m	472.0	\$ 115.00	\$ 54,280.00
1.3	Excavation	For All Water Distribution Piping (Incl. Bedrock Removal)	m <sup>3</sup>	174.7	\$ 165.00	\$ 28,825.50
<b>Subtotal - Water Distribution</b>						<b>\$ 102,344.50</b>

*\*All trenching estimates include for backfill, compaction and installation of pipe, tracer wire and valves*

### 2.0 Sanitary Collection

2.1	100mm Ø SDR35 PVC Gravity Collection Piping		m	384.5	\$ 140.00	\$ 53,830.00
2.2	100mm Ø SDR35 pvc Sanitary Laterals		m	89.2	\$ 140.00	\$ 12,488.00
2.3	Excavation	For All 100mm Ø SDR PVC Sanitary Piping (Incl. Bedrock Removal)	m <sup>3</sup>	261.9	\$ 165.00	\$ 43,213.50
2.4	Decommissioning	For Two (2) Existing Sewage Pump Tanks (Incl. Pump-out)	ea	2.0	\$ 2,500.00	\$ 5,000.00
2.5	7,500 L Concrete Sewage Pump Station (SPS2 & SPS8)	Incl. All Fittings and Appurtenances	ea	2.0	\$ 19,000.00	\$ 38,000.00
2.6	Excavation	For Sewage Pumping Station SPS2 & SPS8 (Incl. Bedrock Removal)	m <sup>3</sup>	24.0	\$ 165.00	\$ 3,960.00
2.7	Septic Tank Conversion to Pump Station	Incl. All Piping, Valves and Appurtenances	ls	2.0	\$ 5,250.00	\$ 10,500.00
<b>Subtotal - Sanitary Collection</b>						<b>\$ 166,991.50</b>

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Part No.	Item	Description	Unit	Qty.	Unit Cost	Total
<b>3.0</b>	<b>Electrical</b>					
3.1	Primary Electrical Cabling and Conduit	Supply and Installation	m	90.0	\$ 90.00	\$ 8,100.00
3.2	Secondary Electrical Cabling and Conduit	Supply and Installation	m	557.0	\$ 70.00	\$ 38,990.00
3.3	Secondary Electrical Trenches (Incl. Bedrock Removal)	Excavation	m <sup>3</sup>	254.0	\$ 165.00	\$ 41,910.00
3.4	Two (2) 200 amp Panels	Supply and Installation	ea	2.0	\$ 5,500.00	\$ 11,000.00
3.5	Meters, Bases and Receptacles	Installation	ea	24.0	\$ 1,250.00	\$ 30,000.00
3.6	Primary and Secondary Electrical Trenches (Incl. Bedrock Removal)	Excavation	m	150.4	\$ 165.00	\$ 24,816.00
<b>Subtotal - Electrical</b>						<b>\$ 154,816.00</b>

*\*All trenching estimates include for backfill, compaction and installation of marking tape*

<b>4.0</b>	<b>Roads</b>					
4.1	New Internal Park Roads	Incl. Excavation and Sub-grade Preparation	m <sup>2</sup>	6,513.0	\$ 14.00	\$ 91,182.00
4.2	Granular 'A' - 150mm		t	580.0	\$ 18.15	\$ 10,527.00
4.3	Granular 'B' - 200mm		t	773.0	\$ 14.30	\$ 11,053.90
4.4	HL4 Asphalt - 50mm Lift		m <sup>2</sup>	1,440.0	\$ 12.00	\$ 17,280.00
4.5	Internal Road Re-alignment and Expansion	Incl. Fire Route Signage	ls	1.0	\$ 63,245.00	\$ 63,245.00
4.6	Emergency Access Gate		ea	2.0	\$ 6,250.00	\$ 12,500.00
<b>Subtotal - Roads</b>						<b>\$ 205,787.90</b>



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Part No.	Item	Description	Unit	Qty.	Unit Cost	Total
<b>5.0</b>	<b>Stormwater Management</b>					
5.1	Storm / Drainage Basins and Grates		ea	2.0	\$ 6,500.00	\$ 13,000.00
5.2	Excavation	For All Storm / Drainage Basins (Incl. Bedrock Removal)	m <sup>3</sup>	7.6	\$ 165.00	\$ 1,254.00
5.3	Storm Maintenance Hole		ea	2.0	\$ 7,500.00	\$ 15,000.00
5.4	Excavation	For Storm Maintenance Hole (Incl. Bedrock Removal)	m <sup>3</sup>	11.4	\$ 165.00	\$ 1,881.00
5.5	250mm Ø Storm Piping		lm	61.0	\$ 130.00	\$ 7,930.00
5.6	Excavation	For All 250mm Ø Storm Piping (Incl. Bedrock Removal)	m <sup>3</sup>	20.1	\$ 165.00	\$ 3,316.50
5.7	300mm Ø Storm Piping		lm	42.2	\$ 135.00	\$ 5,697.00
5.8	Excavation	For All 300mm Ø Storm Piping (Incl. Bedrock Removal)	m <sup>3</sup>	26.59	\$ 165.00	\$ 4,386.69
5.9	355mm Ø Storm Piping		lm	24.08	\$ 150.00	\$ 3,612.00
5.10	Excavation	For All 355mm Ø Storm Piping (Incl. Bedrock Removal)	m <sup>3</sup>	18.06	\$ 165.00	\$ 2,979.90
5.11	Swale (3:1)		lm	58.0	\$ 45.00	\$ 2,610.00
5.12	Berm - 200mm (h)		lm	24.0	\$ 15.00	\$ 360.00
5.13	Bioswale Outlet		ls	1.0	\$ 2,500.00	\$ 2,500.00
5.14	Straw Bales		ea	6.0	\$ 15.00	\$ 90.00
<b>Subtotal - Stormwater Management</b>						<b>\$ 64,617.09</b>

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Part No.	Item	Description	Unit	Qty.	Unit Cost	Total
<b>6.0</b>	<b>Grading and Erosion Control</b>					
6.1	Siltation Fence		m	405.0	\$ 28.00	\$ 11,340.00
6.2	Topsoil Stripping	East of Amber Cr.	m <sup>3</sup>	627.4	\$ 8.50	\$ 5,332.90
6.3	Regrading	East of Amber Cr. Incl. Sub-grading Preperation, Grading, Granular	m <sup>2</sup>	6,274.0	\$ 12.00	\$ 75,288.00
6.4	Development of Trailer Sites	Trailer Pad & Parking Spaces, Compaction, Finish Grading and Seeding	ea	24.0	\$ 6,000.00	\$ 144,000.00
<b>Subtotal - Grading and Erosion Control</b>					<b>\$</b>	<b>235,960.90</b>
<b>7.0</b>	<b>Landscaping and Restoration</b>					
7.1	Supply and Installation	Sumac Planting Buffer	lm	52.0	\$ 70.00	\$ 3,640.00
7.2	Board-on-Board PT Fence - 1.8m (h)		lm	172.0	\$ 300.00	\$ 51,600.00
7.3	Supply and Installation	Conifer Trees	ea	5.0	\$ 750.00	\$ 3,750.00
7.4	Supply and Installation	Vegetative Barrier - Eastern White Cedar - 1.5m (h) x 1.5m (w)	lm	15.0	\$ 247.00	\$ 3,705.00
7.5	Hydro-seeding		ls	1.0	\$ 22,000.00	\$ 22,000.00
7.6	Park Signage		ls	1.0	\$ 2,000.00	\$ 2,000.00
7.7	Final Site Restoration		ls	1.0	\$ 6,500.00	\$ 6,500.00
<b>Subtotal - Landscaping and Restoration</b>					<b>\$</b>	<b>93,195.00</b>
<b>TOTAL ALL SECTIONS:</b>					<b>\$</b>	<b>1,023,712.89</b>

